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1884

HOSTETTER

ILLUSTRATED

CALIFORNIA

ALMANAC

1884.



FOR MERCHANTS, MECHANICS, MINERS,  
**FARMERS, PLANTERS,**

AND

GENERAL FAMILY USE.

Carefully calculated for such Meridians and Latitudes as are best suited for a Universal  
Calendar for California.

PUBLISHED BY

HOSTETTER & SMITH,  
PITTSBURGH, PA.

# THE MOST POPULAR REMEDY

OF THE

## AMERICAN HOUSEHOLD.

**T**HE time has long passed when, if ever, the claims of **Hostetter's Stomach Bitters** needed vindication. The article stands to-day a monument of success, of which the strong pediment is merit. No need, in its case, for a recourse to the vocabulary of chicane and hyperbole. Its properties, neither irreconcilable with one another, nor exceeding, in their alleged scope, the limits of common sense, signally fit it for family use, and it is perhaps to the circumstance that the maladies for which it is adapted are of very common occurrence, is owing the fact that having won its way there, it retains the favored place in the *Materia Medica* of so many American households. Fever and ague, indigestion, general debility, liver complaint and constipation, are all common ailments, and all within the range of its medicinal influence, and even were its controlling and preventive power over these complaints not supplemented by efficacy in others, it would still be a valuable household remedy, fitted for emergencies likely to arise.

When counterfeits of the true Bitters have been discovered, their vendors have been prosecuted, with this wholesome result—the enforced discontinuance of the individual traffic, and the award of exemplary damages, as is fully affirmed by the U. S. Circuit Court records of New Orleans, St. Louis, San Francisco and other points, and more recently that of New York, in the case of *Hostetter Smith vs. Adams & Co.*, of said city, being one of the most important decisions on the subject of imitating Trade Marks that has transpired for many years, and in which we (*Hostetter & Smith*) obtained a Decree of Perpetual Injunction, together with all damages and costs.

### MARKS OF GENUINENESS:

A label on one side of the bottle, including a handsome steel vignette of St. George overcoming the dragon, (a fit emblem for a conqueror of disease,) and at its foot a miniature note of hand, bearing the firm signature in fac simile—**HOSTETTER & SMITH**. A bronze label containing directions for use is on the opposite side of the bottle, into the glass of which is blown the name of the article, and over the cork is a metallic cap, on which is also impressed the name of the article, together with a medallion head in the centre. It should also be borne in mind that **HOSTETTER'S STOMACH BITTERS** is sold ONLY in bottles (singly or in cases,) and under no circumstances is it ever sold in bulk.

The proprietors hope that without these evidences of authenticity, articles represented to be the genuine, or equal to it, will be refused when offered for sale. Especially should the public beware of inferior local bitters or tonics in counterfeit guise, as they are usually very unwholesome.

P. S.—The stamp tax having been removed by Congress after a portion of this edition had been printed, will account for the reference made in all such Almanacs to the stamp covering the cork of bottle. No stamp therefore being required, we shall on and after July 1, 1883, use a Metallic Cap to cover the cork of bottle, as stated above.

# Hostetter's California Almanac

For the Year

1884

Calculated for

CALIFORNIA AND OREGON.

## SOME REASONS FOR A GENERAL BELIEF.

**T**HE people believe in Hostetter's Stomach Bitters. The thirty years or more of uninterrupted and increasing success—pecuniary and remedial—in the United States, of the great remedy and preventive, its unqualified indorsement by leading members of the medical fraternity, the extension of the demand for it to South and Central America, Mexico, the West Indies, Australia and portions of Europe, justify us in making the avowal. Let us inquire whether there are sound reasons for this general belief.

At the time of its introduction to public notice, physicians were infinitely more averse to the employment of proprietary medicines than they are now, and discouraged their use. The public, not having imbibed this prejudice, and willing to benefit in health by any attainable means, gave the article the trial solicited in its behalf, and were convinced. Professional inquiry followed, and as a result it became apparent that the medicine exerted a more active and appreciable control over the complaints to which it is adapted than the remedies ordinarily administered for them. Thus it made friends far and wide, overcame the exaggerated professional bias then existing against



medicines not found in the pharmacopœia, and drew from enlightened practitioners expressions of opinions which confirmed and extended its hold upon the popular faith. Time had added immensely to its popularity, and the business of preparing and distributing the article, and of printing and gratuitously circulating this Almanac, to the extent of over ten millions of copies annually, has assumed gigantic proportions. That the expense of conducting such a business must likewise be im-

mense, needs no elaborate demonstration, yet at no time have its proprietors thought of curtailing, but have been obliged to increase them in some departments, to meet the necessary exigencies of increasing business, and have felt warranted in


augmenting them in others, with a view to disseminate more widely a knowledge of the nature and uses of the Bitters, and to extend its sale in this and other countries. The owners of few standard remedies can say the like,—the rule being that outlay for advertising, &c., has been curtailed rather than increased when a reasonable success has been attained. Unprecedented success, has, however, only served to stimulate Hostetter & Smith to increase the area of usefulness of the chief of invigorants.





# HOSTETTER'S ALMANAC, 1884.


## THE TWELVE SIGNS OF THE ZODIAC


RAM. Aries.  THE HEAD.

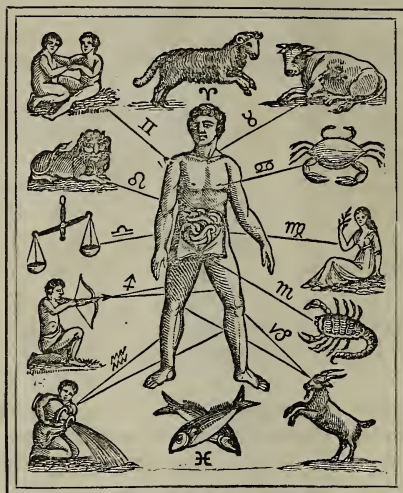
TWINS,  
Gemini,  
ARMS. 


LION,  
Leo,  
HEART. 


BALANCE,  
Libra,  
REINS. 


ARCHER,  
Sagittarius.  
THIGHS. 


WATERMAN,  
Aquarius,  
LEGS. 





BULL,  
Taurus,  
NECK. 

CRAB,  
Cancer,  
BREAST. 

VIRGIN,  
Virgo,  
BOWELS. 

SCORPION,  
Scorpio,  
LOINS. 

GOAT,  
Capricornus.  
KNEES. 

FISHES, Pisces.  THE FEET.

## CHRONOLOGICAL CYCLES.

Dominical Letter,.....	F. E.	Solar Cycle,.....	17
Epact,.....	3	Roman Indiction,.....	12
Lunar Cycle, or Golden Number,.....	4	Julian Period,.....	6597

## FIXED AND MOVABLE FESTIVALS.

Epiphany,.....	Jan.	6	Rogation Sunday,.....	May	18
Septuagesima Sunday,.....	Feb.	10	Ascension—Holy Thursday,...	"	22
Quinquagesima—Shrove Sund.	"	24	Pentecost—Whit Sunday,.....	June	1
Ash Wednesday,.....	"	27	Trinity Sunday,.....	"	8
First Sunday in Lent,.....	Mar.	2	Corpus Christi,.....	"	12
St. Patrick's Day,.....	"	17	First Sunday in Advent,.....	Nov.	30
Palm Sunday,.....	April	6	Christmas Day,.....	Dec.	25
Good Friday,.....	"	11	<b>EMBER DAYS.</b>		
Easter Sunday,.....	"	13	Mar.	5, 7, 8.	Sept. 17, 19, 20.
Low Sunday,.....	"	20	June	4, 6, 7.	Dec. 17, 19, 20.

## ECLIPSES FOR THE YEAR 1884.

In the Year 1884 there will be FIVE Eclipses—three of the Sun and two of the Moon:

I.—A small Partial Eclipse of the Sun, March 27th. Invisible. Visible to Northern Europe and North Polar Sea.

II.—A Total Eclipse of the Moon, April 10th. Partly visible. Visible in the Americas, Asia, Australia and Pacific Ocean: occurring at San Francisco, as follows:

Moon enters Penumbra,.....	0	hours	32	minutes,	A. M.
Moon enters Shadow,.....	1	"	43	"	"
Total Eclipse begins,.....	2	"	51	"	"
Middle of Eclipse,.....	3	"	37	"	"
Total Eclipse ends,.....	4	"	24	"	"
Moon leaves Shadow,.....	5	"	32	"	"

III.—A Partial Eclipse of the Sun, April 25th. Invisible. Visible to the Southern extremities of South America and Africa, and intervening ocean.

IV.—A Total Eclipse of the Moon, October 4th. Invisible. Visible in the Atlantic States, Europe, Asia, Africa and South America, and the Atlantic Ocean.

V.—A Partial Eclipse of the Sun, October 18th. Visible to the Pacific coast, Siberia, and intermediate ocean. At San Francisco the eclipse will begin at 4 h. 22 m. P. M., the Sun setting at moment of greatest obscuration.

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## THE SEASONS. (SAN FRANCISCO TIME.)

Vernal Equinox,	Spring begins,	March	19 d. 9 h. P. M.
Summer Solstice,	Summer "	June	20 d. 5 h. P. M.
Autumnal Equinox,	Autumn "	September	22 d. 7 h. A. M.
Winter Solstice,	Winter "	December	21 d. 2 h. "

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## MORNING AND EVENING STARS, 1884.

Mercury will be Evening Star about January 4, April 25, August 23 and December 17; and Morning Star about February 13, June 12 and October 4.

Venus will be Evening Star till July 11, then Morning Star the rest of the year.

Jupiter will be Morning Star till January 19, then Evening Star till August 7 and Morning Star again the rest of the year.



## MOON'S PHASES.

## SAN FRANCISCO.

☾	FIRST QUARTER, .....	5	1	26	Evening.
☾	FULL MOON, .....	12	7	18	Morning.
☾	LAST QUARTER, .....	19	9	14	Evening.
☾	NEW MOON, .....	27	8	52	"

Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constellat'n	Sun Slow	Sun Ris.	Sun Sets.	Moon Sets.	Moon South	High Water.	
				M. S.	H. M.	H. M.	H. M.	H. M.	Morn.	Even.
1	Tu	Slave Trade abolished, 1808	♈	3 43	7 16	4 51	8 23	2 45	2 40 s	1 26 l
2	We	Edmund Burke born, 1730	♈	4 17	7 16	4 52	9 31	3 34	3 12 s	2 22 l
3	Th	Bishop Hughes died, 1861	♈	4 45	7 17	4 53	10 31	4 23	3 48 s	3 21 l
4	Fri	Isaac Newton born, 1642	♈	5 11	7 17	4 54	11 40	5 12	4 33 s	4 37 l
5	Sa	Canton bombarded, 1857	♈	5 39	7 17	4 55	Mor.	6 4	5 16 l	6 6 s

## (1.) Epiphany Sunday.

Matt. 2.

Day's length, 9 h. 39 m.

6	S	France expels Jesuits, 1829	♈	6 5	7 17	4 56	0 47	6 57	6 5 l	7 31 s
7	Mo	Liberia colonized, 1822	♈	6 31	7 17	4 57	1 54	7 52	6 52 l	8 51 s
8	Tu	Eli Whitney died, 1825	♈	6 57	7 16	4 57	3 1	8 50	7 39 l	10 5 s
9	We	Astor Library opened, 1859	♈	7 22	7 16	4 58	4 7	9 49	8 28 l	11 22 s
10	Th	Laud beheaded, 1645	♈	7 46	7 16	4 59	5 11	10 49	9 8 l	.....
11	Fri	Linnaeus died, 1778	♈	8 10	7 16	5 0	6 9	11 48	0 8 s	9 53 l*
12	Sa	Bayard Taylor born, 1825	♈	8 33	7 16	5 1	Ris.	Mor.	0 51 s	10 41 l*

## (2.) 1st Sunday after Epiphany.

Luke 2.

Day's length, 9 h. 47 m.

13	S	Patent to Plymouth, 1630	♈	8 56	7 15	5 2	6 42	0 44	1 29 s	11 33 l*
14	Mo	Bishop Berkeley died, 1753	♈	9 18	7 15	5 3	7 47	1 36	2 12 s	0 30 l
15	Tu	Edward Everett died, 1865	♈	9 40	7 15	5 4	8 49	2 36	2 44 s	1 22 l
16	We	Sir John Moore died, 1809	♈	10 0	7 15	5 5	9 47	3 14	3 12 s	2 20 l
17	Th	Chilians enter Lima, 1881	♈	10 20	7 14	5 6	10 40	3 59	3 44 s	3 24 l
18	Fri	Gen. R. E. Lee born, 1807	♈	10 39	7 14	5 7	11 43	4 43	4 20 l	4 27 s
19	Sa	Gen. Mercer killed, 1777	♈	10 53	7 13	5 8	Mor.	5 27	5 9 l	5 40 s

## (3.) 2d Sunday after Epiphany.

John 2.

Day's length, 9 h. 56 m.

20	S	Australia colonized, 1733	♈	11 16	7 13	5 9	0 33	6 11	5 20 l	6 52 s
21	Mo	E. A. Southern died, 1830	♈	11 33	7 12	5 10	1 32	6 56	6 26 l	8 3 s
22	Tu	Lord Bacon born, 1561	♈	11 49	7 12	5 11	2 26	7 41	7 3 l	9 10 s
23	We	William Pitt died, 1806	♈	12 5	7 11	5 13	3 18	8 29	7 44 l	10 13 s
24	Th	Swedenborg born, 1683	♈	12 20	7 11	5 14	4 10	9 18	8 24 l	11 8 s
25	Fri	Quebec Castle burned, 1834	♈	12 34	7 10	5 15	4 58	10 8	9 8 l	11 50 s
26	Sa	Income Tax repealed, 1871	♈	12 48	7 9	5 16	5 45	10 58	9 52 l	.....

## (4.) 3d Sunday after Epiphany.

Matt. 8.

Day's length, 10 h. 8 m.

27	S	Mozart died, 1756	♈	13 0	7 9	5 17	6 26	11 49	0 21 s	10 50 l*
28	Mo	Francis Drake died, 1761	♈	13 11	7 8	5 19	Sets.	Ev 49	0 53 s	11 44 l*
29	Tu	Kansas admitted, 1861	♈	13 22	7 7	5 20	7 21	1 30	1 29 s	0 39 l
30	We	Bell Chimes invented, 1487	♈	13 32	7 7	5 21	8 26	2 20	1 57 s	1 33 l
31	Th	XIII. Amendment adopted, 1865	♈	13 41	7 6	5 22	9 32	3 10	2 25 s	2 29 l

Note.—The Tides for San Francisco are very irregular in height and interval. The asterisk (\*) denotes the second morning tide, and the obelisk (†) the first afternoon tide. The letter (l) denotes the larger tide for the day, and the letter (s) the smaller one.



# THE STANDING

OF

# HOSTETTER'S STOMACH BITTERS

IN

## THE NUGGET STATE.

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**I**N no section of the country is the high standing among medicines of **Hostetter's Stomach Bitters** more thoroughly recognized than in California and her sister States of the Pacific. The career of the article on this coast began soon after the discovery of gold, and when the mining camps were scourged with fevers bred by malarial atmosphere and miasma tainted water, and by other malignant forms of disease resulting from bad food, hardship and exposure. Poisonous liquor was the only stimulant, and the vile *aguardiente* of the country, coupled with over indulgence in the fruit sold by the Indians, proved almost as destructive to life as the prevalent diseases. No Californian who can recall those exacting days of struggle with disease and hardship, needs to be reminded of the beneficent change in the health of the diggers effected by the great tonic and alterative. The mortality not only speedily decreased, but the miners found in the Bitters a medicinal aid which repaired the effects of fatigue, counteracted malarial infection,

and braced the exhausted physique to renewed effort, while shielding it from hurtful influences. To-day, as the consequence of this successful record under trying circumstances, **HOSTETTER'S STOMACH BITTERS** is the most popular remedy used by the mining population of the Pacific seaboard. The shipments hither, and to the States of newer creation west of the Rockies, show a marked increase each year over those of the last. Our citizens everywhere perceive and acknowledge its efficacy in cases of fever and ague and bilious remittent, indigestion, constipation and liver complaint, rheumatism, kidney and bladder troubles, nervousness and debility. Immigrants to this section often bring it with them as a medicinal safeguard, and families remote from points of supply purchase it by the quantity. This is wise, for it frequently happens in remote localities where professional aid is difficult or slow, that the greatest need for an efficient and active remedy exists. On the border of civilization, where the land has been lately cleared of timber, and moist soil is exposed to

SECOND  
MONTH.29  
DAYS.

## MOON'S PHASES.

## SAN FRANCISCO.

	D.	H.	M.	
☾ FIRST QUARTER,.....	3	9	48	Evening.
☾ FULL MOON, .....	10	8	39	"
☾ LAST QUARTER,.....	18	7	3	"
☾ NEW MOON,.....	26	10	26	Morning.

Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constellation	Sun Slow		Sun Ris.		Sun Sets.		Moon Sets. South		High Water.	
				M	S.	H.	M.	H.	M.	H.	M.	Morn.	Even.
1	Fri	De Cassagnac died, 1880	♏	13	50	7	5	5	23	10	33	2 49 <sup>l</sup>	3 39 s
2	Sa	Peace with Mexico, 1848	♏	13	57	7	4	5	24	11	46	3 29	4 55 s
(5.) 4th Sunday after Epiphany. Matt. 8. Day's length, 10 h. 22 m.													
3	S	Greece declared free, 1830	♏	14	4	7	3	5	25	Mor.	5 48	4 19 <sup>l</sup>	6 19 s
4	Mo	John Rogers burnt, 1555	♏	14	10	7	2	5	26	0 52	6 43	5 10 <sup>l</sup>	7 36 s
5	Tu	Ole Bull born, 1810	♏	14	15	7	1	5	27	1 57	7 40	6 41	8 58 s
6	We	Charles II. died, 1685	♏	14	19	7	0	5	28	2 59	8 33	6 59 <sup>l</sup>	9 59 s
7	Th	Fenelon died, 1715	♏	14	22	6	59	5	30	3 57	9 36	8 07	10 58 s
8	Fri	Earthquake in London, 1760	♏	14	25	6	58	5	31	4 50	10 32	8 55 <sup>l</sup>	11 43 s
9	Sa	Gen. Harrison born, 1773	♏	14	26	6	57	5	32	5 35	11 24	9 47 <sup>l</sup>	.....
(6.) Septuagesima Sunday. Matt. 20. Day's length, 10 h. 37 m.													
10	S	Darnley murdered, 1567	♏	14	27	6	56	5	33	6 17	Mor.	0 21 s	10 33 <sup>l</sup> *
11	Mo	William and Mary crowned, 1689	♏	14	28	6	55	5	34	Ris.	0 15	0 47 s	11 37 <sup>l</sup> *
12	Tu	Astley Cooper died, 1841	♏	14	27	6	54	5	35	7 31	1 4	1 27 s	0 29 <sup>l</sup>
13	We	Cotton Mather died, 1723	♏	14	26	6	53	5	36	8 31	1 51	1 53 s	1 21 <sup>l</sup>
14	Th	St. Valentine's Day.	♏	14	24	6	52	5	37	9 29	2 35	2 17 <sup>l</sup>	2 5 s
15	Fri	Blackstone died, 1780	♏	14	24	6	51	5	38	10 26	3 19	2 47 <sup>l</sup>	3 2 s
16	Sa	Ft. Donelson taken, 1862	♏	14	18	6	49	5	39	11 22	4 3	3 12 <sup>l</sup>	4 10 s
(7.) Sexagesima Sunday. Luke 8. Day's length, 10 h. 53 m.													
17	S	Columbia burned, 1865	♏	14	13	6	48	5	41	Mor.	4 49	3 44 <sup>l</sup>	5 26 s
18	Mo	Vermont admitted, 1791	♏	14	8	6	46	5	42	0 16	5 35	4 26 <sup>l</sup>	6 37 s
19	Tu	Copernicus born, 1472	♏	14	2	6	45	5	43	1 10	6 21	5 11 <sup>l</sup>	7 48 s
20	We	Voltaire born, 1694	♏	13	56	6	44	5	44	2 0	7 9	5 54 <sup>l</sup>	8 49 s
21	Th	Tumult in Paris, 1848	♏	13	49	6	43	5	45	2 50	7 58	6 49 <sup>l</sup>	9 46 s
22	Fri	Air Pump invented, 1650	♏	13	42	6	41	5	46	3 36	8 48	7 46 <sup>l</sup>	10 33 s
23	Sa	Battle of Buena Vista, 1847	♏	13	34	6	40	5	47	4 20	9 38	8 45 <sup>l</sup>	11 13 s
(8.) Quinquagesima—Shrove Sand. Luke 18. Day's length, 11 h. 9 m.													
24	S	Senator Carpenter died, 1881	♏	13	25	6	39	5	48	5 1	10 20	9 39 <sup>l</sup>	11 45 s
25	Mo	Wallenstein died, 1634	♏	13	16	6	38	5	49	5 41	11 20	10 31 <sup>l</sup>	.....
26	Tu	R. R. Livingston died, 1813	♏	13	6	6	36	5	50	Sets.	Ev 11	0 12 s	11 48 <sup>l</sup> *
27	We	Earthquake at Lisbon, 1796	♏	12	56	6	35	5	51	7 18	1 2	0 41 s	0 45 <sup>l</sup>
28	Th	Raphael born, 1483	♏	12	45	6	33	5	52	8 26	1 55	1 17	1 51 s
29	Fri	Leap Year Day.	♏	12	32	6	32	5	53	9 35	2 49	1 27 <sup>l</sup>	2 53 s

AN Irishman, who had a very ragged coat, was asked of what stuff it was made. "Bedad, I don't know; I think the most of it is made out of fresh air."

THE law of the harvest is to reap more than you sow. Sow an act and you reap a habit; sow a habit and you reap a character; sow a character and reap a destiny.



the rays of the sun, malarious vapors are exhaled, causing periodic fevers not easily subdued, and which are specially prone to fasten upon an unacclimated constitution, or one unfortified against their attacks. HOSTETTER'S BITTERS affords the needful protection, and is also a thorough remedy for malarious fevers when developed. California has proved the gateway for the introduction

of this national medicine into Mexico, South and Central America, and it is now recognized as a standard remedy in those countries. Truly it was an auspicious day for this now leading medicine, when the first consignment of it reached the diggings at Sutter's Mill, and was hailed by the expectant miners as a herald of hope and of health.

A SCOTCH minister was somewhat given to exaggeration in the pulpit, and wished the clerk, the next time he did it, to give a cough by way of a hint. Soon after he was describing Samson's tying the foxes' tails together. He said "The foxes in those days were much larger than ours, and had teels twenty fut long." "Ahem!" came from the clerk's desk. "That is," continued the preacher, "according to their measurement; but according to ours they were only fifteen fut long!" "Ahem!" louder than before. "But as you may think this extravagant, we'll just say that they were ten fut long." "Ahem! ahem!" still more vigorous than ever. The parson leaned over the pulpit, and shaking his finger at the clerk, said: "You may cough there all night, mon; I'll nae tak' off a single fut more. Would ye hae the foxes wi' no teels at all?"

**REPRESENTATIVES IN CONGRESS**  
And Ratio of Representation at each Census.

STATES.	Constitution.	Mar. 4, 1793.	Mar. 4, 1803.	Mar. 4, 1813.	Mar. 4, 1823.	Mar. 4, 1833.	Mar. 4, 1843.	Mar. 4, 1853.	Mar. 4, 1863.	Mar. 4, 1873.	Mar. 4, 1883.
Alabama,	...	...	...	...	3	5	7	7	6	8	8
Arkansas	...	...	...	...	...	...	1	2	3	4	5
Cal.....	...	...	...	...	...	...	...	12	3	4	6
Colorado,	...	...	...	...	...	...	...	...	...	*1	1
Conn.....	5	7	7	7	6	6	4	4	4	4	4
Delaware	1	1	1	2	1	1	1	1	1	1	1
Florida,	...	...	...	...	...	...	...	...	...	1	2
Georgia...	3	2	4	6	7	9	8	8	7	9	10
Illinois...	...	...	...	...	1	3	7	9	14	19	20
Indiana...	...	...	...	...	3	7	10	11	11	13	13
Iowa.....	...	...	...	...	...	...	...	2	6	9	11
Kansas...	...	...	...	...	...	...	...	...	1	3	7
Ky.....	2	6	10	12	13	10	10	9	10	11	11
La.....	...	...	...	...	3	3	4	4	5	6	6
Maine....	...	...	...	...	7	8	7	6	5	5	4
Md.....	6	8	9	9	9	8	6	6	5	6	6
Mass.....	8	14	17	20	13	12	10	11	10	11	12
Mich.....	...	...	...	...	...	3	4	4	6	9	11
Minn.....	...	...	...	...	...	...	...	12	12	3	5
Miss.....	...	...	...	...	1	12	4	5	5	6	7
Missouri,	...	...	...	...	1	2	5	7	9	13	14
Neb.....	...	...	...	...	...	...	...	...	*1	1	3
Nevada...	...	...	...	...	...	...	...	...	*1	1	1
N. H.....	3	4	5	6	6	5	4	5	3	3	2
N. Jersey	4	5	6	6	6	5	5	5	7	7	7
N. York...	6	10	17	27	34	40	34	33	31	33	34
N. C.....	5	10	12	13	13	13	9	8	7	8	9
Ohio.....	...	...	...	6	14	19	21	21	19	20	21
Oregon...	...	...	...	...	...	...	...	*1	*1	1	1
Penna....	8	13	18	23	26	28	24	25	24	27	28
R. Island	1	2	2	2	2	2	2	2	2	2	2
S. C.....	5	6	8	9	9	9	7	6	4	5	7
Tenn.....	...	...	3	6	9	13	11	10	8	10	10
Texas...	...	...	...	...	...	...	...	2	4	6	11
Vermont	2	4	6	5	5	4	3	3	3	3	2
Virginia,	10	19	22	23	22	21	15	13	11	9	10
West Va.	...	...	...	...	...	...	...	...	...	3	4
Wis.....	...	...	...	...	...	...	...	3	6	8	9
		65	105	141	181	213	240	223	234	243	293

\*States admitted after apportionment.

**Ratio of Representation.**

Constitution, .....	30,000	6th Census, .....	70,680
1st Census, .....	33,000	7th " .....	93,423
2d " .....	33,000	8th " .....	127,381
3d " .....	35,000	9th " .....	131,425
4th " .....	40,000	10th " .....	151,912
5th " .....	47,700		

A YALE professor was going to experiment with laughing gas, when he overheard a student say that under its influence no one was responsible for what he said, and he would take advantage of this and tell the professor what he thought of him. When the class met, the professor quietly said he would like, for purposes of illustration, to administer the gas to some member, and this student volunteered. The leather bag was connected with his mouth. He pretended to be very much excited, and began to abuse and swear at the professor, who let him go on for a while, but the class roared when the professor said he needn't be so irresponsible, the gas hadn't been turned on yet.

JOSH BILLINGS says: "The mowl is a larger bird than the guse or turkey. It has two legs to walk with, and two more to kiek with, and it wears its wings on the side of its hed."

THIRD  
MONTH.31  
DAYS.

## MOON'S PHASES.

## SAN FRANCISCO.

	D.	H.	M.	
☾ FIRST QUARTER, .....	4	5	24	Morning.
☾ FULL MOON, .....	11	11	31	"
☾ LAST QUARTER, .....	19	3	4	Evening.
☾ NEW MOON, .....	26	9	38	"

Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constellation	Sun Slow.	Sun Ris.	Sun Sets.	Moon Sets.	Moon South.	High Water.*	
				M. S.	H.M.	H.M.	H. M.	H. M.	Morn.	Even.
1	Sa	Nicholas I. died, 1855		12 20	6 31	5 54	10 42	3 43	1 55	3 55 s
(9.) 1st Sunday in Lent.				Matt. 4.		Day's length, 11 h. 26 m.				
2	S	Sam. Houston born, 1793		12 8	6 29	5 55	11 49	4 39	2 33	4 59 s
3	Mo	Idaho a Territory, 1863		11 55	6 28	5 56	Mor. 5 36	3 30	3 30	6 21 s
4	Tu	Jackson inaugurated, 1829		11 41	6 26	5 57	0 53	6 34	4 28	7 23 s
5	We	Dred Scott decision, 1857		11 27	6 25	5 53	1 53	7 39	5 36	8 34 s
6	Th	Davy Crockett killed, 1836		11 13	6 24	5 59	2 45	8 26	6 45	9 33 s
7	Fri	King Canute died, 1036		10 58	6 22	6 0	3 32	9 18	7 54	10 23 s
8	Sa	Stamp Act passed, 1765		10 43	6 21	6 1	4 14	10 9	8 51	11 5 s
(10.) 2d Sunday in Lent.				Matt. 15.		Day's length, 11 h. 43 m.				
9	S	Rizzio assassinated, 1566		10 27	6 19	6 2	4 53	10 57	9 45	11 35 s
10	Mo	Benjamin West died, 1820		10 12	6 16	6 3	5 23	11 44	10 35	11 59 s
11	Tu	First London daily, 1702		9 55	6 16	6 4	Ris.	Mor. 11 24	.....	.....
12	We	Gustavus dethroned, 1609		9 39	6 15	6 5	7 18	0 30	0 20	0 7 s
13	Th	Emp. Russia assassinated, 1880		9 22	6 13	6 6	8 15	1 14	1 21	0 53 s
14	Fri	Corsica sold to France, 1733		9 5	6 12	6 7	9 11	1 58	1 40	1 49 s
15	Sa	Cæsar assassinated, B. C. 44		8 43	6 10	6 8	10 6	2 43	1 59	2 46 s
(11.) 3d Sunday in Lent.				Luke 11.		Day's length, 12 h. 1 m.				
16	S	Battle of Guilford, 1781		8 30	6 8	6 9	11 0	3 29	2 20	3 47 s
17	Mo	St. Patrick's Day.		8 13	6 7	6 10	11 51	4 15	2 47	4 55 s
18	Tu	French Commune, 1871		7 55	6 5	6 10	Mor. 5 2	3 29	4 16	6 10 s
19	We	Patent to Connecticut, 1631		7 37	6 4	6 11	0 41	5 49	4 16	7 12 s
20	Th	Spring begins.		7 19	6 2	6 12	1 27	6 38	5 12	8 0 s
21	Fri	Cranmer burnt, 1556		7 1	6 1	6 13	2 12	7 27	6 27	9 4 s
22	Sa	Goethe died, 1832		6 43	5 59	6 14	2 53	8 17	7 16	9 53 s
(12.) 4th Sunday in Lent.				John 6.		Day's length, 12 h. 17 m.				
23	S	Nice Opera House burned, 1881		6 24	5 58	6 15	3 33	9 7	8 21	10 35 s
24	Mo	Queen Elizabeth died, 1603		6 6	5 56	6 16	4 10	9 57	9 21	11 7 s
25	Tu	Hudson River discovered, 1609		5 48	5 55	6 17	4 49	10 49	10 17	11 36 s
26	We	Gen. Hull tried, 1814		5 29	5 53	6 18	5 26	11 42	11 12	11 55 s
27	Th	James I. died, 1625		5 11	5 52	6 19	Sets. Ev 36	.....	.....	0 13 s
28	Fri	Death of Raphael, 1520		4 53	5 50	6 20	8 27	1 32	0 21	1 50 s
29	Sa	Vera Cruz taken, 1847		4 34	5 49	6 21	9 37	2 20	0 51	2 51 s
(13.) 5th Sunday in Lent.				John 8.		Day's length, 12 h. 35 m.				
30	S	Capitulation of Paris, 1813		4 16	5 47	6 22	10 45	3 28	1 20	3 46 s
31	Mo	Polish Victory, 1831		3 58	5 46	6 23	11 46	4 27	2 37	4 57 s

# FRESE'S HAMBURG TEA.

## THE GREAT FAMILY MEDICINE,

### RELIABLE, SIMPLE, EFFECTUAL.

---

**A**s a Family Medicine it has no superior. It has proved itself to be a most certain and efficacious Remedy for such diseases as are caused by an impure state or a superfluity of Blood.

It restores the appetite, strengthens the nerves, cleanses the stomach, adds tone and vigor to the digestive organs, induces a mild and healthy action of the bowels, causing little or no discomfort. It regulates the system generally by assisting Nature to throw off and free itself from all impurities, restores the functions to their normal state, and thus prevents the encroachment of diseases.

Composed of herbs only, it can be given safely to infants. It is emphatically a Family Medicine.

Parents cannot be too careful in watching the slightest symptoms of illness in their little ones. A very large proportion of the ordinary ailments so common among children, can be banished by the timely use of this valuable Family Medicine.

It is Nature's Own Remedy, and should be used in the Family to the exclusion of all other Medicines.

It removes the distress caused by eating hearty food, or overloading the stomach, and will be found effectual as a Family Remedy where a simple purgative only is needed.

It corrects the derangement of the stomach and bowels, expels from the system the cause of disease which if allowed to remain would soon undermine and destroy the health.

HAMBURG TEA has proved itself to be all that is claimed for it, a reliable and uniformly successful Family Medicine, and as such we can confidently recommend it, feeling assured that it will not disappoint any reasonable expectation.

## NO FAMILY SHOULD BE WITHOUT IT.

Full directions in English, French, Spanish and German with every package.

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### CAUTION.

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## WORTHLESS PREPARATIONS

UNDER THE NAME OF

# HAMBURG TEA,

Purporting to be genuine, are now being offered for sale in this market. We therefore earnestly urge every buyer to examine each package, and take no other than that put up in a **YELLOW WRAPPER**, and bearing the fac-simile signature of **EMIL FRESE**, and also the firm name of **REDINGTON & Co.**, Proprietors. It is fully protected by U. S. Patent, and by U. S. Trade Mark

**REDINGTON & CO.**



FOURTH  
MONTH.30  
DAYS.

## MOON'S PHASES.

## SAN FRANCISCO.

☾ FIRST QUARTER, .....	D. H. M.	
☾ FULL MOON, .....	2 1 8	Evening.
☾ LAST QUARTER, .....	19 3 35	Morning.
☾ NEW MOON, .....	18 7 46	"
	25 6 48	"

Day Month. Day Week	HISTORICAL EVENTS.		Moon's Constellat'n	Sun		Sun Sets.	Moon Sets.	Moon South		High Water.	
				Slow	Ris.			South		Morn.	Even.
				M. S.	H. M.	H. M.	H. M.			H. M.	H. M.
1 Tu	Santa Anna president, 1833	1		3 40	5 44	6 24	Mor.	5 25	3 07	6 0s	
2 We	U. S. Mint established, 1792	2		3 22	5 43	6 24	0 41	6 22	4 12	7 10s	
3 Th	Earthquake at Seio, 1831			3 4	5 41	6 25	1 30	7 15	5 23	8 11s	
4 Fri	Tyler inaugurated, 1841			2 46	5 40	6 26	2 11	8 6	6 32	9 6s	
5 Sa	Plato died, B. C. 347			2 29	5 38	6 27	2 51	8 54	7 39	9 53s	
(14.) Palm Sunday. Matt. 27. Day's length, 12 h. 51 m.											
6 S	Washington president, 1789	1		2 12	5 37	6 23	3 29	9 41	8 38	10 28s	
7 Mo	Lelande died, 1807			1 51	5 35	6 20	4 1	10 26	9 54	10 58s	
8 Tu	French enter Spain, 1823			1 38	5 34	6 30	4 33	11 11	10 24	11 20s	
9 We	Edward IV. died, 1483			1 21	5 32	6 31	5 4	11 55	11 12	11 40s	
10 Th	Total Eclipse of Moon.			1 4	5 31	6 32	Ris.	Mor.	11 55s	.....	
11 Fri	Good Friday.			0 48	5 29	6 33	7 56	0 39	0 51	1 4s	
12 Sa	Henry Clay born, 1777			0 33	5 28	6 33	8 51	1 24	0 33	1 57s	
(15.) Easter Sunday. John 20. Day's length, 13 h. 8 m.											
13 S	Easter Sunday.	1		0 17	5 26	6 34	9 45	2 10	0 57	2 47s	
14 Mo	Impeachment Trial, 1868			0 2	5 25	6 35	10 35	2 57	1 21	3 42s	
15 Tu	Patent Law passed, 1790			Fast.	5 24	6 36	11 22	3 44	1 43	4 34s	
16 We	Buffon died, 1783			0 27	5 22	6 37	Mor.	4 32	2 31	5 33s	
17 Th	Benjamin Franklin died, 1790			0 41	5 21	6 38	0 7	5 20	3 35	6 29s	
18 Fri	Battle of Cerro Gordo, 1847			0 55	5 19	6 39	0 49	6 8	4 41	7 22s	
19 Sa	Lord Beaconsfield died, 1881	1		1 8	5 18	6 40	1 27	6 57	5 48	8 11s	
(16.) Low Sunday. John 20. Day's length, 13 h. 24 m.											
20 S	Napoleon III. born, 1808	1		1 21	5 17	6 41	2 5	7 46	6 57	8 53s	
21 Mo	Rome founded, B. C. 153			1 33	5 16	6 42	2 41	8 35	8 8	9 39s	
22 Tu	Cromwell abdicates, 1659			1 44	5 14	6 42	3 18	9 27	9 15s	10 7	
23 We	Anne crowned, 1702			1 55	5 13	6 43	3 55	10 20	10 25s	10 56	
24 Th	Cromwell born, 1599			2 6	5 12	6 44	4 34	11 14	11 26s	10 59	
25 Fri	Land Office established, 1812	3		2 16	5 11	6 45	Sets.	Ev 13	0 25	11 30	
26 Sa	Magellan killed, 1521	3		2 26	5 10	6 46	8 24	1 13	.....	1 30s	
(17.) 2d Sunday after Easter. John 10. Day's length, 13 h. 39 m.											
27 S	Emile de Girardin died, 1881	1		2 35	5 8	6 47	9 31	2 14	0 51	2 59s	
28 Mo	James Monroe born, 1758			2 44	5 7	6 48	10 33	3 14	0 40	3 40s	
29 Th	Parson Brownlow died, 1877	1		2 53	5 6	6 49	11 28	4 13	1 32	4 30s	
30 We	Ohio admitted, 1802	1		3 0	5 5	6 50	Mor.	5 10	2 40	5 28s	

DIGESTION requires leisure. Never eat until you can be sure of leisure for digestion. After rest then give an hour's exercise to every pound of food.

If you wish to be happy you must learn to be just deaf enough not to hear some things, and just blind enough not to see others.



PERPETUAL NUISANCE (five years of age).—"Sister, is that a picture of you and Dr. Sharp?"

SISTER.—"No, you silly boy; of course it isn't."

P. N.—"Well, anyway, it is just as you looked the other day in the library, when you thought I was asleep."

"Dis case has been ferry ably argued on both sides, and dere have been some ferry nice points of law brought up. I shall dake dree days to consider these points, but I shall eventually decide for de blaintiff."

From Judd & Lidell, Albion, Neb., April 1, 1881:

We have a larger sale for Hostetter's Stomach Bitters than any other we keep in stock. We think them an excellent medicine, especially for this Western country, where malaria and biliousness are so prevalent.

**THE COMPLEXION.**—To make the complexion white and the skin soft, use tepid water containing a little powdered borax for bathing the face and hands

every morning and evening. Rubbing the face briskly with the hand after bathing has a good effect in keeping the skin soft and the complexion fair.

From E. B. Legg, Vail, Iowa, March 18, 1881:

I think Hostetter's Stomach Bitters excels all others for the malarial troubles which we are most of us subject to in this locality.

A BASE, ignoble brute says that when he sees a woman neither fat, nor fair, but forty, with a cardinal red plume on her hat, it suggests to him a life and death struggle between nature and art, with art on top, by a large majority.














OF two women, choose the one that will have you.

FIFTH  
MONTH.31  
DAYS.

## MOON'S PHASES.

## SAN FRANCISCO.

1	FIRST QUARTER, .....	D. 1	H. 9	M. 58	Evening.
2	FULL MOON, .....	9	7	58	"
3	LAST QUARTER, .....	17	8	46	"
4	NEW MOON, .....	24	2	27	"
5	FIRST QUARTER, .....	31	8	47	Morning.

Day Month.	Day Week	HISTORICAL EVENTS.	Moon's Constellat'n	Sun	Sun	Sun	Moon	Moon	High Water.	
				Fast.	Ris.	Sets.	Sets.	South	Morn.	Even.
				M. S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	Th	Gen. John S. Preston died, 1881		3 8	5 4	6 51	0 14	6 2	3 59	6 33
2	Fri	Battle of Lutzen, 1813		3 14	5 2	6 51	0 54	6 52	5 11	7 25
3	Sa	Farragut in New Orleans, 1862		3 21	5 1	6 52	1 31	7 40	6 21	8 11
(18.) 3d Sunday after Easter.				John 16.		Day's length, 13 h. 53 m.				
4	S	Grant crossed Rapidan, 1864		3 26	5 0	6 53	2 4	8 25	7 31	8 55
5	Mo	Napoleon I. died, 1821		3 32	4 59	6 54	2 36	9 9	8 35	9 31
6	Tu	Battle of Oswego, 1814		3 36	4 58	6 55	3 7	9 53	9 32	10 0
7	We	Socrates died, B. C. 399		3 40	4 57	6 56	3 39	10 37	10 18	10 28
8	Th	Dante born, 1265		3 43	4 56	6 57	4 12	11 21	11 9	10 43
9	Fri	J. Stuart Mill died, 1873		3 46	4 55	6 58	4 46	Mor.	0 0	11 0
10	Sa	Battle of Lodi, 1796		3 48	4 54	6 59	Ris.	0 7	1 9	11 43
(19.) 4th Sunday after Easter.				John 16.		Day's length, 14 h. 7 m.				
11	S	Minnesota admitted, 1858		3 50	4 53	7 0	8 30	0 53	.....	1 59
12	Mo	Battle of Spotsylvania, 1864		3 51	4 52	7 0	9 21	1 40	0 57	2 40
13	Tu	Vienna taken, 1809		3 52	4 51	7 1	10 6	2 28	0 42	3 18
14	We	Henry Grattan died, 1820		3 52	4 50	7 2	10 48	3 16	1 20	3 58
15	Th	Trial by Jury, 970		3 51	4 49	7 3	11 26	4 4	2 10	4 45
16	Fri	Senator Conkling resigned, 1881		3 50	4 48	7 4	Mor.	4 52	3 11	5 37
17	Sa	Asa Packer died, 1879		3 49	4 48	7 4	0 3	5 39	4 23	6 24
(20.) Rogation Sunday.				John 16.		Day's length, 14 h. 18 m.				
18	S	Turks besiege Malta, 1556		3 46	4 47	7 5	0 39	6 27	5 34	7 10
19	Mo	Cuba discovered, 1494		3 43	4 46	7 6	1 15	7 16	6 46	7 48
20	Tu	Hawthorne died, 1864		3 40	4 45	7 7	1 49	8 6	8 6	8 31
21	We	Thomas A. Scott died, 1881		3 35	4 45	7 8	2 27	8 59	9 21	9 7
22	Th	Ascension Day.		3 31	4 44	7 8	3 6	9 54	10 33	9 40
23	Fri	Second Charter of Virginia, 1609		3 25	4 44	7 9	3 52	10 53	11 40	10 13
24	Sa	Copernicus died, 1543		3 20	4 43	7 10	Sets.	11 53	0 39	10 47
(21.) Sunday after Ascension.				John 15-16.		Day's length, 14 h. 28 m.				
25	S	Emerson born, 1803		3 14	4 43	7 11	8 16	Ev 56	1 41	11 35
26	Mo	Dantzie taken, 1807		3 7	4 42	7 12	9 14	1 58	.....	2 35
27	Tu	Paris Commune surrendered, 1871		3 0	4 42	7 12	10 5	2 57	0 25	3 13
28	We	Agassiz born, 1807		2 53	4 41	7 13	10 52	3 54	1 21	3 55
29	Th	Gen. Scott died, 1866		2 45	4 41	7 14	11 31	4 46	2 29	4 43
30	Fri	Decoration Day.		2 37	4 41	7 15	Mor.	5 36	3 44	5 34
31	Sa	Anne Boleyn crowned, 1535		2 28	4 40	7 15	0 6	6 23	5 1	6 25

THE real wealth of a man is the number of things which he loves and blesses, and by which he is loved and blessed.

A boy can pull four times more weight in boys on a sled than he can coal from the back yard.



## POISON-LADEN VAPORS.

**A**GAINST the vaporous poison of miasma, exhaled from stagnant pools, overflowed meadows, marsh lands, and sunken lots in the vicinity of cities, the ordinary resources of medicine furnish no reliable safeguard. During the war of the rebellion, when fever and ague, bilious remittent and typhoid fever spread sickness and death through the vast camps of the armies of the Republic, the military commissaries dealt out to the troops every morning, quinine and whiskey by the tea-cupful for each man, and yet the miasmatic infection spread, the sick died and the hospitals were filled with fleshless wrecks of men who left home stalwart and hardy. They who were wise enough (and they were many) to obtain supplies of Hostetter's Stomach Bitters from the sutlers, or had it sent to them by friends in the North, were, on the contrary, remarkably exempt from

malarial disease. The military authorities, whether recognizing this fact or not, allowed the Bitters to pass the lines, while all other articles of a similar nature, with a spirituous basis, were condemned, confiscated and destroyed. This is a fact which will possibly be recollected by some of the readers of the present almanac. The great preventive of malarial disease has always, in great emergencies when it has been tested, proved its efficacy as an antidote to the virus which the poison-laden vapors of malarious localities instil into the system. It is also an incomparable remedy for disorders of the bowels, stomach and liver, which water impregnated with decayed vegetation, brackish or stagnant, is specially apt to breed. Our emigrant, mining and agricultural populations are peculiarly impressed with this fact, and regard the article as an indispensable medicinal safeguard.

### VALUE OF GOLD AND SILVER.

One ton (2,000 pounds avoirdupois) of gold or silver contains 29,163 troy ounces, and therefore, the value of a ton of pure gold is \$602,799.21, and a ton of silver \$37,701.81.

A cubic foot of pure gold weighs 1,218.75 pounds avoirdupois; a cubic foot of pure silver weighs 655.25 pounds avoirdupois.

One million dollars gold coin weighs 3,655.8 pounds avoirdupois; \$1,000,000 silver coin weighs 58,929.9 pounds avoirdupois.

If there is one per cent. of gold or silver in one ton of ore, it contains 291.63 ounces troy, of either of these metals.

The average fineness of Colorado gold is 781 in 1,000, and the natural alloy: gold 781, silver 209, copper 10; total 1,000.

The calculations at the mint are made on the basis that 43 ounces of standard gold, 900 fine (coin) is worth \$800, and 11 ounces of silver 900 fine (coin) is worth \$12.80.

**PERILS EVERYWHERE.**—The poet Tasso was once reproved for exposing himself to shipwreck, by venturing on the dangerous sea. "And yet," he replied, "we every night go without fear to bed, where so many die every hour. Believe me, death will find us in all parts; and those places that appear to be the least exposed are not always the most secure from his attacks."

"The earthquake may be bid to spare,  
The man that's strangled by a hair."

**GENIUS.**—Alexander Hamilton once said to an intimate friend: "Men give me some credit for genius. All the genius I have is just this—when I have a subject on hand I study it profoundly. Day and night it is before me. I explore it in all its bearings. My mind becomes pervaded with it. Then the effort which I make is what the people call the fruit of genius. It is the fruit of labor and thought."



## MOON'S PHASES.

## SAN FRANCISCO.

	D.	H.	M.	
☉ FULL MOON, .....	8	11	49	Morning.
☾ LAST QUARTER, .....	16	6	25	"
☾ NEW MOON, .....	22	9	24	Evening.
☾ FIRST QUARTER, .....	29	10	6	"

Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constellat'n	Sun Fast.	Sun Ris.	Sun Sets.	Moon Sets.	Moon South.	High Water.	
				M S.	H. M.	H. M.	H. M.	H. M.	Morn.	Even.
									H. M.	H. M.

## (22.) Pentecost—Whit Sunday. John 14. Day's length, 14 h. 36 m.

1 S	Gen. Shields died, 1879	☿	2 19	4 40	7 16	0 39	7 8	6 11	7 7 s
2 Mo	Riots in London, 1780	☿	2 9	4 39	7 16	1 11	7 52	7 20	7 48 s
3 Tu	Battle Cold Harbor, 1864	☿	2 0	4 39	7 17	1 42	8 36	8 3 s	8 45 s
4 We	Battle of Magenta, 1859	☿	1 49	4 39	7 18	2 13	9 20	9 7 s	9 17 s
5 Th	First Balloon Ascension, 1783	☿	1 39	4 39	7 18	2 47	10 5	10 5 s	9 39 s
6 Fri	Patrick Henry died, 1799	☿	1 28	4 38	7 19	3 25	10 50	11 2 s	10 2 s
7 Sa	Bruce died, 1329	☿	1 17	4 38	7 19	4 4	11 37	11 54 s	10 28 s

## (23.) Trinity Sunday. John 3. Day's length, 14 h. 42 m.

8 S	Thomas Paine died, 1809	☿	1 6	4 38	7 20	Ris.	Mor.	0 43	10 49 s
9 Mo	Partition of Poland, 1772	☿	0 54	4 38	7 20	8 4	0 25	1 40	11 40 s
10 Tu	De Soto landed, 1539	☿	0 41	4 38	7 21	8 48	1 13	.....	2 18 s
11 We	Ben Johnson born, 1574	☿	0 29	4 38	7 21	9 29	2 1	0 20	2 51 s
12 Th	New York incorporated, 1665	☿	0 17	4 38	7 22	10 7	2 49	1 3 s	3 25 s
13 Fri	Battle of Ghent, 1794	☿	0 5	4 38	7 22	10 43	3 37	1 51	4 5 s
14 Sa	Arnold died, 1801	☿	Slow.	4 38	7 22	11 17	4 24	2 49	4 48 s

## (24.) 1st Sunday after Trinity. Luke 16. Day's length, 14 h. 45 m.

15 S	Arkansas admitted, 1836	☿	0 21	4 38	7 23	11 50	5 11	3 58	5 36 s
16 Mo	Great Eclipse, 1806	☿	0 34	4 38	7 23	Mor.	5 59	5 12 s	6 16 s
17 Tu	Jerome Bonaparte born, 1870	☿	0 46	4 38	7 24	0 25	6 49	6 34 s	6 59 s
18 We	Battle of Malakoff, 1855	☿	0 59	4 38	7 24	1 2	7 41	7 49 s	7 44 s
19 Th	War of 1812 declared.	☿	1 13	4 38	7 24	1 43	8 36	9 10 s	8 28 s
20 Fri	Summer begins.	☿	1 26	4 38	7 24	2 28	9 34	10 23 s	9 9 s
21 Sa	Pius IX. inaugurated, 1846	☿	1 39	4 39	7 25	3 19	10 35	11 35 s	9 46 s

## (25.) 2d Sunday after Trinity. Luke 14. Day's length, 14 h. 46 m.

22 S	Machiavelli died, 1527	☿	1 52	4 39	7 25	4 18	11 37	0 40	10 36 s
23 Mo	Leibnitz born, 1646	☿	2 5	4 39	7 25	Sets.	Ev39	1 30	11 22 s
24 Tu	Battle Bannockburn, 1314	☿	2 18	4 39	7 25	8 43	1 38	.....	2 2 s
25 We	Custer defeat'd, 1876	☿	2 30	4 40	7 25	9 25	2 35	0 14	2 48 s
26 Th	George IV. died, 1830	☿	2 42	4 40	7 25	10 4	3 26	1 9 s	3 23 s
27 Fri	C. Vanderbilt born, 1794	☿	2 55	4 41	7 25	10 40	4 16	2 7 s	3 57 s
28 Sa	James Madison died, 1836	☿	3 7	4 41	7 25	11 12	5 3	3 18 s	4 42 s

## (26.) 3d Sunday after Trinity. Luke 15. Day's length, 14 h. 44 m.

29 S	Battle of Parma, 1734	☿	3 19	4 41	7 25	11 44	5 49	4 32	5 28 s
30 Mo	Tax on Tea, 1767	☿	3 30	4 42	7 25	Mor.	6 33	5 41	6 12 s

NEVER build castles in the heir. They are ever liable to be overthrown.

A PHILOSOPHER is one who "accepts the situation."



MR. MALOONY:—"Now, look here, Bridget, I can enjooe this no longer. I've wore that little Snip's shirts patiently for months and months, and now ye've got to get the washing for a longer-armed man or get a shorter-armed husband."

From S. C. Collins & Co., Texarkana, Ark., June 4, 1881:

We have used Hostetter's Stomach Bitters in dyspepsia, and find them good; also as a preventive of malaria.

### THE METRIC SYSTEM.

#### 1. Cubic to Dry or Liquid Measure, and to Weight.

The meter is 39.37 inches—a little more than 1 yd., the deci-meter is about 4 in.

The liter (leeter) is 1 cu. deci-meter—about 1 quart; a liter of water weighs 1 kilo-gram—about 2 1-5 pounds.

The gram is the weight of 1 cu. centi-meter of water—about 1-30 oz. avoirdupois.

The 5-cent nickel weighs 5 grams. Our silver coins are metric—4 cts. to gram.

#### 2. Names now in use.

Meter means measure; as gas-meter, water-meter, thermo-meter

The names mill, cent, dime, in U. S. money correspond to milli, centi, deci, in the Metric System.

The eagle might be called a deka-dollar, as it is \$10; the dime, a deci-dollar, etc.

We have the deka-logue, or ten commandments.\*

#### 3. Only four new Terms in this System.

Liter—The unit of capacity, dry or liquid;

Gram—the unit of weight;

Hekto—for 10 deka—or 100 of the units;

Kilo—for 10 hekto—or 1,000 of the units.

#### 4. A few other names used, but not essential.

The myria-meter is 10 kilo-meters; the myria-gram, 10 kilo-grams, or 10,000 grams.

The ton is 1,000 kilo-grams, or the weight of 1 cu. meter of water; it nearly equals the "long ton."

The ar is 1 sq. deka-meter of land; the hekt-ar, 1 sq. hekto-meter. The ster is 1 cu. meter of firewood.

\* Heka-tomb means a sacrifice or 100 oxen; Kili-arch, a commander of 1,000 men; and Myriad, 10,000—commonly spelled decalogue, hecatomb, chiliarch.

THE difference between a defaulter and a thief is very simple. The one steals enough to hire good lawyers and the other don't.





## MOON'S PHASES.

## SAN FRANCISCO.

	D.	H.	M.	
☉ FULL MOON, .....	8	2	1	Morning.
☾ LAST QUARTER, .....	15	1	30	Evening.
☽ NEW MOON, .....	22	4	45	Morning.
☽ FIRST QUARTER, .....	29	1	52	Evening.

Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constellat'n	Sun Slow	Sun Ris.	Sun Sets.	Moon Sets.	Moon South	High Water.	
				M. S.	H. M.	H. M.	H. M.	H. M.	Morn.	Even.
1 Tu		Smithson's Gift accepted, 1836	♈	3 42	4 42	7 25	0 16	7 17	6 44 s	6 54 l
2 We		Gen. Garfield shot, 1881	♈	3 53	4 43	7 25	0 49	8 2	7 53 s	7 27 l
3 Th		Fort Erie taken, 1814	♈	4 4	4 43	7 25	1 25	8 47	9 4 s	8 4 l
4 Fri		Independence Day.	♈	4 15	4 44	7 25	2 3	9 34	10 8 s	8 42 l
5 Sa		Jerusalem taken, 1100	♈	4 25	4 44	7 25	2 45	10 21	11 6 s	9 12 l

## (27.) 4th Sunday after Trinity.

Luke 6.

Day's length, 14 h. 39 m.

6 S	John Huss burnt, 1415	♈	4 35	4 45	7 24	3 30	11 9	11 59 s	9 59 l
7 Mo	R. B. Sheridan died, 1816	♈	4 44	4 45	7 24	4 20	11 58	0 39 s	10 47 l
8 Tu	Battle of Ticonderoga, 1753	♈	4 53	4 46	7 24	Ris.	Mor.	1 17 s	11 29 l
9 We	Crimean War ends, 1855	♈	5 2	4 47	7 24	8 7	0 47	.....	1 45 s
10 Th	Gibraltar taken, 1704	♈	5 10	4 47	7 23	8 44	1 35	0 11 l	2 13 s
11 Fri	John Quincy Adams born, 1767	♈	5 18	4 48	7 23	9 19	2 22	0 59 l	2 39 s
12 Sa	Cæsar born, B. C. 100	♈	5 26	4 48	7 22	9 53	3 10	1 49 l	3 10 s

## (28.) 5th Sunday after Trinity.

Luke 5.

Day's length, 14 h. 33 m.

13 S	Revolution in England, 1688	♈	5 33	4 49	7 22	10 27	3 58	2 46 s	3 42 l
14 Mo	French Revolution, 1789	♈	5 39	4 50	7 21	11 2	4 46	4 0 s	4 27 l
15 Tu	Stony Point taken, 1778	♈	5 45	4 51	7 21	11 40	5 35	5 17 s	5 11 l
16 We	Freedman's Bureau establ., 1866	♈	5 51	4 51	7 20	Mor.	6 23	6 37 s	5 59 l
17 Th	Dr. Isaac Watts born, 1674	♈	5 55	4 52	7 20	0 22	7 23	7 59 s	6 53 l
18 Fri	Dean Stanley died, 1881	♈	5 59	4 53	7 19	1 9	8 21	9 19 s	7 45 l
19 Sa	Battle of Winchester, 1864	♈	6 3	4 54	7 18	2 3	9 21	10 39 s	8 41 l

## (29.) 6th Sunday after Trinity.

Matt. 5.

Day's length, 14 h. 24 m.

20 S	Protestant Massacre, 1620	♈	6 7	4 54	7 18	3 2	10 22	11 41 s	9 34 l
21 Mo	Battle of Shrewsbury, 1403	♈	6 10	4 55	7 17	4 6	11 21	0 32 s	10 23 l
22 Tu	Atlantic Cable laid, 1865	♈	6 12	4 55	7 17	Sets.	Ev 19	1 11 s	11 18 l
23 We	Emmett's Insurrection, 1803	♈	6 14	4 56	7 16	7 59	1 14	.....	1 52 s
24 Th	Battle of Niagara, 1759	♈	6 15	4 57	7 15	8 37	2 5	0 12 l	2 2 s
25 Fri	Judge Clifford died, 1881	♈	6 15	4 58	7 14	9 11	2 54	1 57 s	2 29 s
26 Sa	Robert Fulton born, 1765	♈	6 15	4 58	7 14	9 43	3 42	2 0 l	2 56 s

## (30.) 7th Sunday after Trinity.

Mark 8.

Day's length, 14 h. 14 m.

27 S	Fort George taken, 1813	♈	6 15	4 59	7 13	10 15	4 27	3 4 l	3 32 s
28 Mo	Robespierre executed, 1794	♈	6 13	5 0	7 12	10 49	5 12	4 6 s	4 16 l
29 Tu	Charles X. dethroned, 1830	♈	6 12	5 1	7 11	11 23	5 57	5 20 s	4 54 l
30 We	Cook first sailed, 1768	♈	6 9	5 2	7 10	Mor.	6 43	6 35 s	5 35 l
31 Th	Loyola died, 1556	♈	6 6	5 3	7 9	0 1	7 29	7 47 s	6 21 l

"ARE there any fools in this town," asked a stranger of a newsboy yesterday. "I don't know," replied the boy, "are you lonesome."

A CONSERVATIVE is a man who will not look at the new moon out of respect for that "ancient institution," the old one.

## NERVOUS MALADIES. (SO CALLED.)

**T**HERE are many such which are directly and solely traceable to simple debility of the nervous system. This renders it super-sensitive to unhealthful influence, and the affections of the different nerves receive the names of different diseases. A distinguished medical authority on nervous diseases attributes frequently occurring headaches and insomnia, to a weakness of the *vasa motor* nerves of the head, attended by a distension of the cerebral blood vessels with blood, and prescribes as a remedy a medicine supposed to draw the blood to the lower extremities, and thus allow these nerves to regain their contractile power. But far better than any specific for nervous restlessness, be it narcotic or sedative, mineral or botanic, is the time-honored tonic nerve, **Hostetter's Stomach Bitters**, which by strengthening the nervous system restores its equilibrium, and increases its power of resisting disease.

THE effects of heat may be seen in the iron rails on the railroads throughout the country. There is a variation of 80° in the temperature between the cold of winter and the heat of summer. This is sufficient to elongate a bar of iron ten inches long, five one-thousandths of an inch, or one two-thousandths part, which would require, to produce the same effect, a force of fifty tons upon the square inch. The tubes of Menai bridge vary in length with the changes of the air, from half an inch to three inches every twenty-four hours. Iron bars, when much heated, frequently injure masonry, instead of supporting it, from the same cause.

A MOTHER and father are trying to force their daughter to marry. Daughter (loquitor)—“There are many reasons why I don't want to marry him; in the first place he is too hideous and stupid.”

Weakly persons, where the weakness is not attributable to some organic disease, are mostly nervous and dyspeptic. In fact, the key note of the whole difficulty is usually to be indicated as imperfect digestion. Let this be remedied, and in nine cases out of ten the debility and nervousness will disappear. Dyspepsia, which lies at the root of so many bodily evils, is the prolific cause of this. Whoever saw a hypochondriac with a good digestion? Your valetudinarian of sedentary habits and atrabilious expression, what is he but a sufferer from dyspepsia? He starts at slight noises, is very irascible, and declares that his nerves are dreadfully shaken—as indeed he fancies they are—when they are simply sensitive through weakness, and that weakness the product of chronic indigestion, a malady which can be surely eradicated with this inimitable stomachic and general corrective.

Mother (with dignity).—“Stephanie, did I not marry your father?”

CAREFUL observations have shown the following to be about the average growth in twelve years, of several varieties of hard wood, when planted in groves and cultivated:

	Inches diameter.	Feet high.
White Maple.....	12	30
Ash, Leaf Maple or Box Elder,	12	29
White Willow.....	13	35
Lombardy Poplar.....	10	40
Blue and White Ash.....	10	25
Black Walnut and Butternut,..	10	20

WHITEWASH.—Whiting, four pounds; common glue, two ounces; stand glue in cold water over night; mix whiting with cold water, heat glue till dissolved, and pour it hot into the former. Make of consistency to apply with common whitewash brush.

EIGHTH  
MONTH.31  
DAYS.

## MOON'S PHASES.

## SAN FRANCISCO.

- ② FULL MOON,.....  
 ③ LAST QUARTER,.....  
 ④ NEW MOON,.....  
 ⑤ FIRST QUARTER,.....

D.	H.	M.	
6	2	57	Evening.
13	6	50	"
20	1	45	"
28	7	33	Morning.

Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constellat'n	Moon						High Water.	
				Sun Slow.	Sun Ris.	Sun Sets.	Moon Sets.	Moon South.		Morn.	Even.
				M. S.	H. M.	H. M.	H. M.	H. M.		H. M.	H. M.
1	Fri	Nelson's Victory, 1798		6 2	5 4	7 8	0 41	8 16	8 56s	7 27	
2	Sa	Bradlaugh expelled, 1881		5 57	5 5	7 7	1 26	9 4	10 4s	8 47	
(31.) 8th Sunday after Trinity.				Matt. 7.		Day's length, 14 h. 0 m.					
3	S	James II. died, 1460		5 52	5 6	7 6	2 13	9 52	10 55s	8 57l	
4	Mo	Burgoyne died, 1792		5 46	5 7	7 5	3 5	10 41	11 37s	9 49l	
5	Tu	First book printed, 1462		5 40	5 7	7 4	3 59	11 30	0 12s	10 38l	
6	We	Battle of Woerth, 1870		5 33	5 8	7 3	Ris.	Mor.	0 41s	11 27l	
7	Th	Queen Caroline died, 1821		5 26	5 9	7 2	7 19	0 19	.....	1 0s	
8	Fri	Jerusalem taken, 70		5 18	5 10	7 1	7 57	1 7	0 10l	1 26s	
9	Sa	Gen. Lyon killed, 1861		5 9	5 11	7 0	8 31	1 55	1 27	1 50s	
(32.) 9th Sunday after Trinity.				Luke 16.		Day's length, 13 h. 47 m.					
10	S	Missouri admitted, 1821		5 0	5 11	6 58	9 5	2 44	1 54s	2 25l	
11	Mo	Savannah evacuated, 1782		4 51	5 12	6 57	9 43	3 34	2 43s	2 58l	
12	Tu	A. Gallatin died, 1849		4 40	5 13	6 56	10 23	4 26	3 48s	3 43l	
13	We	Strasbourg bombarded, 1870		4 30	5 14	6 55	11 8	5 19	5 9s	4 31l	
14	Th	John Fletcher died, 1785		4 18	5 15	6 54	11 56	6 14	6 34s	5 29l	
15	Fri	Napoleon born, 1768		4 6	5 15	6 52	Mor.	7 11	7 55s	6 24l	
16	Sa	Hull surrenders, 1812		3 53	5 16	6 51	0 52	8 10	9 18s	7 30l	
(33.) 10th Sunday after Trinity.				Luke 19.		Day's length, 13 h. 33 m.					
17	S	Comet of 1682.		3 41	5 17	6 50	1 53	9 8	10 30s	8 29l	
18	Mo	Beattie, poet, died, 1802		3 27	5 18	6 49	2 57	10 6	11 27s	9 26l	
19	Tu	Guerriere captured, 1812		3 14	5 19	6 47	4 3	11 1	0 14s	10 16l	
20	We	Wayne defeats Indians, 1794		2 59	5 20	6 46	Sets.	11 53	0 50s	11 7l	
21	Th	William IV. born, 1765		2 45	5 21	6 44	7 8	Ev44	.....	1 21s	
22	Fri	Battle Bosworth Field, 1485		2 30	5 22	6 43	7 42	1 32	0 0l	1 24s	
23	Sa	Wallace beheaded, 1305		2 14	5 23	6 42	8 16	2 19	0 52l	1 48s	
(34.) 11th Sunday after Trinity.				Luke 18.		Day's length, 13 h. 16 m.					
24	S	Pompeii destroyed, 78		1 58	5 24	6 40	8 49	3 5	1 44l	2 12s	
25	Mo	Herschel died, 1822		1 42	5 24	6 39	9 24	3 51	2 32s	2 42l	
26	Tu	Louis Philippe died, 1850		1 25	5 25	6 37	10 0	4 37	3 38s	3 12l	
27	We	Lafayette liberated, 1797		1 8	5 26	6 36	10 39	5 23	4 53s	3 53l	
28	Th	British Slavery abolished, 1833		0 50	5 27	6 35	11 21	6 9	6 9s	4 43l	
29	Fri	Second Battle of Bull Run, 1862		0 32	5 28	6 33	Mor.	6 57	7 19s	5 25l	
30	Sa	Paley born, 1743		0 14	5 28	6 32	0 6	7 45	8 31s	6 31l	
(35.) 12th Sunday after Trinity.				Mark 7.		Day's length, 13 h. 1 m.					
31	S	Camoens died, 1567		F. 5	5 29	6 30	0 56	8 33	9 31s	7 33l	





PATRICK (dressing for a party).—"Bedad, now I shan't be able to get on these boots till I've worn them a time or two."

From W. J. Leary, M. D., Edenton, N. C., May 4, 1881:

There has been quite a large demand for Hostetter's Stomach Bitters this season. Having had much malaria in this section, we think them the best of Bitters.

It is a truth beyond our ken,  
And yet a truth that all may read—  
It is with roses as with men—  
The sweetest hearts are those that bleed.

From H. H. Denton, Clifton Mills, N. C., March 15, 1882:

Hostetter's Bitters is a very popular remedy in our malarial section.

A YOUTH was endeavoring to enjoy an evening in the company of a young lady upon whom he had called, but found a serious obstacle in the person of a stern father, who at length ventured very

plainly that the hour for retiring had arrived. "I think you are correct, my dear sir," returned the unabashed young man, "we've been waiting for you to go to bed for over an hour."

From Dr. J. E. Byrd, Timmons ville, S. C., April 17, 1881:

I sell Hostetter's Bitters with as much assurance of their good effects as I do quinine in chills and fever.

ONE-HALF of the misery of human life comes from the imagination, and half of the other half may be overcome by a strong will, and the whole of it by faith.

From B. O. Guthrie, Belle Voir, N. C., March 24, 1882:

Having tried Hostetter's Bitters myself, I can heartily recommend it for dyspepsia.

NINTH  
MONTH.30  
DAYS.

## MOON'S PHASES.

## SAN FRANCISCO.

☉ FULL MOON, .....	5 2 47 Morning.
☾ LAST QUARTER, .....	12 0 7 "
☽ NEW MOON, .....	19 1 48 "
☼ FIRST QUARTER, .....	27 2 12 "

Day Month.	Day Week	HISTORICAL EVENTS.	Moon's Constellation	Sun Fast.		Sun Ris.	Sun Sets.	Moon Moon		High Water.	
				M. S.	H. M.			Sets.	South	Morn.	Even.
1	Mo	Copenhagen surrendered, 1807	♏	0 24	5 30	6 29	1 49	9 22	10 24 s	8 36 l	
2	Tu	New Style adopted, 1752	♏	0 43	5 31	6 28	2 47	10 10	11 6 s	9 32 l	
3	We	Treaty of Peace ratified, 1783	♏	1 2	5 32	6 26	3 46	10 59	11 40 s	10 26 l	
4	Th	Forest Fires in Michigan, 1881	♏	1 22	5 32	6 25	4 46	11 48	0 8† s	11 18 l	
5	Fri	Bishop Bonnar died, 1569	♏	1 42	5 33	6 23	Ris.	Mor.	.....	0 35 s	
6	Sa	Mayflower sails, 1620	♏	2 3	5 34	6 22	7 5	0 38	0 11 s	0 41 l	

## (36.) 13th Sunday after Trinity.

Luke 10.

Day's length, 12 h. 45 m.

7	S	Queen Elizabeth born, 1533	♏	2 21	5 35	6 20	7 44	1 29	0 59 s	1 6 l	
8	Mo	Battle of Eutaw Springs, 1781	♏	2 44	5 36	6 19	8 23	2 21	1 56 s	1 30 l	
9	Tu	Geneva Award paid, 1873	♏	3 5	5 37	6 17	9 7	3 15	2 56 s	2 3 l	
10	We	Judge Story died, 1845	♏	3 26	5 38	6 16	9 55	4 10	4 3 s	2 53 l	
11	Th	Mahomet born, 570	♏	3 47	5 39	6 14	10 49	5 7	5 19 s	3 52 l	
12	Fri	Battle of Chapultepec, 1847	♏	4 8	5 40	6 12	11 47	6 4	6 46 s	5 1 l	
13	Sa	Gen. Burnside died, 1881	♏	4 29	5 41	6 11	Mor.	7 2	8 1 s	6 11 l	

## (37.) 14th Sunday after Trinity.

Luke 17.

Day's length, 12 h. 28 m.

14	S	Aaron Burr died, 1801	♏	4 50	5 41	6 9	0 48	7 59	9 9 s	7 24 l	
15	Mo	George Fox born, 1624	♏	5 11	5 42	6 8	1 52	8 53	10 12 s	8 27 l	
16	Tu	Siege of Puebla, 1847	♏	5 32	5 43	6 6	2 56	9 45	11 1 s	9 25 l	
17	We	Washington's Farewell, 1796	♏	5 53	5 44	6 4	3 59	10 36	11 39 s	10 19 l	
18	Th	Delhi taken, 1857	♏	6 14	5 45	6 3	5 1	11 24	0 9† s	11 8 l	
19	Fri	Gen. Garfield died, 1881	♏	6 35	5 45	6 1	Sets.	Ev 11	.....	0 32 s	
20	Sa	Battle of Chickamauga, 1863	♏	6 56	5 46	6 0	6 47	0 58	0 1 l	0 43 s	

## (38.) 15th Sunday after Trinity.

Matt. 6.

Day's length, 12 h. 11 m.

21	S	Battle of Monterey, 1846	♏	7 17	5 47	5 58	7 21	1 44	0 45 s	0 55 l	
22	Mo	Autumn begins.	♏	7 38	5 48	5 57	7 58	2 30	1 38 s	1 12 l	
23	Tu	Andre arrested, 1730	♏	7 58	5 49	5 55	8 35	3 16	2 34 s	1 34 l	
24	We	Gen. Taylor born, 1784	♏	8 19	5 49	5 54	9 15	4 2	3 31 s	2 8 l	
25	Th	Montreal taken, 1775	♏	8 39	5 50	5 52	10 0	4 49	4 39 s	2 45 l	
26	Fri	Constantinople founded, 329	♏	9 0	5 51	5 51	10 47	5 37	5 53 s	3 53 l	
27	Sa	Strasbourg falls, 1870	♏	9 20	5 52	5 49	11 38	6 25	6 57 s	4 59 l	

## (39.) 16th Sunday after Trinity.

Luke 7.

Day's length, 11 h. 55 m.

28	S	Battle of Marathon, B. C. 490	♏	9 39	5 53	5 48	Mor.	7 12	7 54 s	6 6 l	
29	Mo	Lord Nelson born, 1758	♏	9 58	5 54	5 47	0 32	8 0	8 46 s	7 12 l	
30	Tu	Yorktown invaded, 1781	♏	10 17	5 55	5 45	1 31	8 49	9 36 s	8 22 l	

If some religious people we know would prey on their neighbors less, and their knees more, the world would be better off.

"WILL you admit you are licked?" yelled the upper man in a street fight, "No, sir," replied the under one, "I ain't licked, but—I'm satisfied."

# REDINGTON & CO'S FLORIDA WATER.

FOR THE HANDKERCHIEF.

---

This article, possessing the most delicate fragrance of Flowers, is unequalled as a perfume for the Handkerchief.

FOR THE BATH!

Used in bathing, it imparts energy and strength to  
the system, and gives that softness and  
delicacy to the skin so much desired by all.

AS A COSMETIC.

It is the most healthful and safest of all cosmetics, containing no deleterious ingredients, being prepared solely from the rich floral perfumes of nature unadulterated by any foreign substance whatever. It is suited for use by the blonde and brunette alike, imparting that beautiful clear softness to the skin so much admired in the fair sex. Probably the most distinctive feature of  
Redington & Co's

FLORIDA WATER,  
IS ITS WONDERFUL  
REFRESHING POWER.

---

The sense of smell never tires of it, but seems to find a more intense enjoyment the longer it is accustomed to its use. As a source of pure enjoyment, whether used as a perfume for the handkerchief, the toilet, or the bath, this truly excellent floral water stands quite alone; its freshness, its purity, its delicacy, and its unchangableness are properties not possessed in even the smallest degree by any other perfume of which we have any knowledge.

---

REDINGTON & CO'S FLORIDA WATER  
USE NO OTHER:

Unexcelled for Toilet Use and for the Bath.





## MOON'S PHASES.

## SAN FRANCISCO.

☾	FULL MOON, .....	D.	H. M.	
☾	LAST QUARTER, .....	4	1 51	Evening.
☾	NEW MOON, .....	11	6 20	Morning.
☾	FIRST QUARTER, .....	18	4 22	Evening.
		26	8 45	"

Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constellat'n	Sun			Moon		High Water.	
				Fast.	Ris.	Sets.	Sets.	South	Morn.	Even.
				M S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.

1	We	Landseer died, 1873		10 37	5 56	5 43	2 30	9 37	10 17 s	9 27 l
2	Th	First Railroad in U. S., 1833		10 55	5 57	5 41	3 31	10 27	10 50 s	10 26 l
3	Fri	Captain Jack hung, 1873		11 14	5 58	5 40	4 35	11 18	11 19 s	11 23 l
4	Sa	Battle of Corinth, 1862		11 32	5 59	5 38	5 42	Mor.	11 36 l	.....

## (40.) 17th Sunday after Trinity.

Luke 14.

Day's length, 11 h. 37 m.

5	S	Defeat of Cornwallis, 1781		11 50	6 0	5 37	Ris.	0 11	0 26 s	11 46 l*
6	Mo	Prof. Benjamin Pierce died, 1880		12 7	6 1	5 35	7 0	1 5	1 12 s	0 12 l
7	Tu	Battle of Stillwater, 1777		12 24	6 2	5 34	7 49	2 1	2 12 s	0 41 l
8	We	John Hancock died, 1793		12 41	6 3	5 32	8 43	2 59	3 10 s	1 20 l
9	Th	Lewis Cass born, 1782		12 57	6 3	5 31	9 40	3 58	4 14 s	2 21 l
10	Fri	Kosciusko captured, 1794		13 12	6 4	5 29	10 40	4 57	5 21 s	3 37 l
11	Sa	Afghan War ends, 1844		13 27	6 5	5 28	11 43	5 54	6 35 s	4 55 l

## (41.) 18th Sunday after Trinity.

Matt. 22.

Day's length, 11 h. 20 m.

12	S	Dr. J. G. Holland died, 1881		13 42	6 7	5 27	Mor.	6 50	7 43 s	6 9 l
13	Mo	Charles S. Parnell arrested, 1881		13 56	6 7	5 25	0 46	7 41	8 43 s	7 20 l
14	Tu	Dr. Le Moyne died, 1879		14 9	6 8	5 24	1 50	8 32	9 34 s	8 29 l
15	We	Virgil born, B. C. 70		14 22	6 9	5 22	2 53	9 20	10 19 s	9 23 l
16	Th	Latimer burnt, 1555		14 34	6 10	5 21	3 54	10 7	10 52 s	10 23 l
17	Fri	Battle of Neville's Cross, 1346		14 45	6 11	5 20	4 53	10 53	11 19 l	11 6 s
18	Sa	Prince Eugene born, 1663		14 56	6 12	5 18	5 50	11 38	11 48 l	11 56 s

## (42.) 19th Sunday after Trinity.

Matt. 9.

Day's length, 11 h. 4 m.

19	S	H. Kirke White died, 1806		15 7	6 13	5 17	Sets.	Ev 24	.....	0 6 l
20	Mo	Battle of Navarino, 1827		15 16	6 14	5 15	6 32	1 10	0 52 s	11 52 l*
21	Tu	Smollett died, 1771		15 26	6 15	5 14	7 12	1 56	1 46 s	0 20 l
22	We	Richard III. born, 1450		15 34	6 16	5 13	7 55	2 43	2 37 s	0 43 l
23	Th	Battle of Edgehill, 1642		15 42	6 17	5 12	8 40	3 31	3 30 s	1 30 l
24	Fri	Daniel Webster died, 1852		15 49	6 18	5 10	9 29	4 18	4 19 s	2 21 l
25	Sa	Battle of Agincourt, 1415		15 55	6 19	5 9	10 22	5 5	5 15 s	3 27 l

## (43.) 20th Sunday after Trinity.

Matt. 22.

Day's length, 10 h. 48 m.

26	S	Doddridge died, 1751		16 1	6 20	5 8	11 18	5 52	6 10 s	4 36 l
27	Mo	William Penn arrived, 1682		16 6	6 21	5 7	Mor.	6 39	7 3 s	5 49 l
28	Tu	Earthquake destroys Lima, 1746		16 10	6 22	5 6	0 16	7 26	7 49 s	6 59 l
29	We	John Adams born 1735		16 13	6 23	5 4	1 15	8 14	8 34 s	8 10 l
30	Th	End of Crusades, 1270		16 16	6 24	5 3	2 15	9 3	9 16 s	9 20 l
31	Fri	Reformation began, 1517		16 18	6 25	5 2	3 19	9 55	9 52 s	10 24 l

"No, ma'am," said a grocer to an applicant for credit, "I wouldn't trust my own feelings."

A SOCIAL philosopher suggests that men never get into trouble by making love to their own wives.

## PHYSICAL WELL BEING

DEPENDENT UPON REGULARITY OF THE BOWELS.

ONE of the worst enemies of physical well-being is constipation. In many cases this unnatural condition alternates with undue laxity, showing a want of tone in the organs totally inconsistent with general health, and usually attended with biliousness and dyspepsia. Hostetter's Stomach Bitters invigorates not only the bowels, but all the abdominal organs, and while it is a laxative, its action is unattended by the preliminary griping pains, and not followed by the debilitating effects of an ordinary cathartic. Violent purgations never achieve any permanent beneficial result, their effect being merely to inordinately loosen the bowels, and it is very doubtful if a single case of recovery from chronic constipation effected by their prolonged use could be cited. There is not, perhaps, a more striking illustration of the utter

ineffectuality of mere "dosing," than is afforded by the obstinate resistance of this malady to the average remedies regularly taken to overcome it. That it is very necessary to do this speedily and early, is shown by the aggravated physical disturbance which it causes. Flatulency, headaches, yellowness of the skin, and a general feeling of discomfort in the region of the stomach and liver, show how closely those organs sympathize with constipation of the bowels, and irrespective of the danger of inflammation of the latter, from prolonged retention of their contents, the injury to the system caused by the malady, when chronic and injudiciously treated, is far more serious than is commonly supposed. The prompt use of the great alternative, and persistence in it when necessary, is a measure of prudence.

THE following table, derived from the report of Gen. Knox, to Congress, in 1790, shows the number of regular soldiers furnished by each State to the War of the Revolution:

STATES.	Soldiers	Population, 1790.
New Hampshire, .....	12,497	141,891
Massachusetts, .....	67,097	475,257
Rhode Island, .....	5,908	69,110
Connecticut, .....	31,950	238,141
New York, .....	17,781	340,120
New Jersey, .....	10,723	181,139
Pennsylvania, .....	25,678	434,373
Delaware, .....	2,386	59,098
Maryland, .....	13,912	319,728
Virginia, .....	26,678	748,308
North Carolina, .....	7,263	393,751
South Carolina, .....	6,417	249,073
Georgia, .....	2,509	82,548
Total, .....	231,971	2,820,959

be?" "A place," he said, "where naught but good is spoken of the neighbor." "And in what does its supreme happiness consist?" "In the feeling that no one will slander me there, and that, if I have any faults, it will be so unfashionable to speak of them that I and all will soon forget them."

JOSH BILLINGS says: "There is one thing about a hen that looks like wisdom: they don't kackle much until after they have laid their egg. Sum pholks are alwuz a bragging and a kackling what they are going to do bee-fore hand."

"HUMPH!" grumbled a cynical individual, as he first caught sight of one of the emblems in the windows of a church. "that's well chosen, anyway, a small cross and a big crown - a correct measure of modern piety."

A KING's jester was once asked, "What kind of a place do you think heaven to



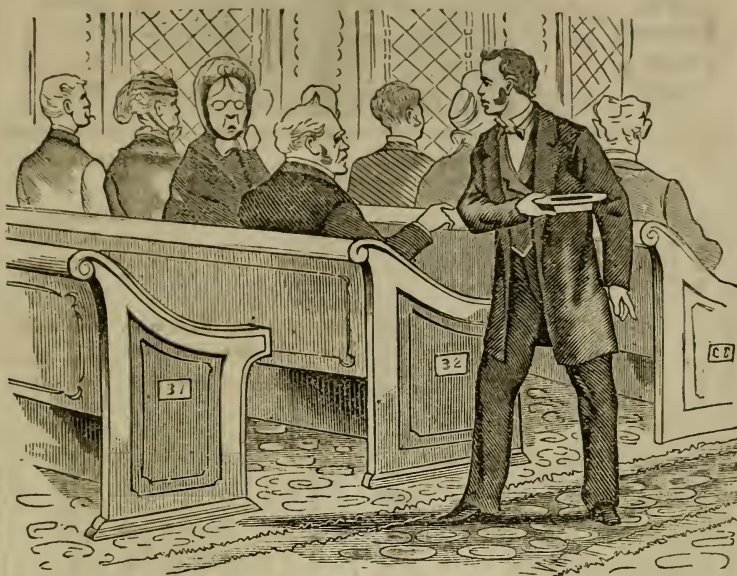
## MOON'S PHASES.

## SAN FRANCISCO.

	D.	H.	M.	
☾ FULL MOON,.....	3	0	28	Morning.
☾ LAST QUARTER,.....	9	3	3	Evening.
☾ NEW MOON,.....	17	10	3	Morning.
☾ FIRST QUARTER,.....	25	2	7	Evening.

Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constellat'n	Sun						High Water.	
				Sun Fast.	Sun Ris.	Sun Sets.	Moon Sets.	Moon South.		Morn.	Even.
				M. S.	H.M.	H.M.	H.M.	H.M.		H. M.	H. M.
1	Sa	Earthquake at Lisbon, 1755		{ 16 19	6 26	5 1	4 26	10 49		10 48	11 6 s
(44.) 21st Sunday after Trinity.				John 4.		Day's length, 10 h. 33 m.					
2	S	Battle of French Creek, 1813		{ 16 19	6 27	5 0	5 35	11 45		11 15	.....
3	Mo	Livingstone found, 1870		{ 16 19	6 29	4 59	Ris.	Mor.		0 5 s	11 42 <sup>7</sup> / <sub>8</sub>
4	Tu	Massacre at Warsaw, 1794		{ 16 17	6 30	4 53	6 32	0 45		1 8 s	11 56 <sup>7</sup> / <sub>8</sub>
5	We	Battle of Inkermann, 1853		{ 16 15	6 31	4 57	7 30	1 46		1 56 s	0 32 <sup>7</sup> / <sub>8</sub>
6	Th	Gen. Hardee died, 1873		{ 16 12	6 32	4 56	8 31	2 47		2 53 s	1 9 <sup>7</sup> / <sub>8</sub>
7	Fri	Pensacola taken, 1814		{ 16 8	6 33	4 55	9 35	3 46		4 3 s	2 7 <sup>7</sup> / <sub>8</sub>
8	Sa	Col. E. L. Drake died, 1880		{ 16 3	6 34	4 54	10 40	4 44		5 7 s	3 20 <sup>7</sup> / <sub>8</sub>
(45.) 22d Sunday after Trinity.				Matt. 18.		Day's length, 10 h. 18 m.					
9	S	Fire at Boston, 1872		{ 15 57	6 35	4 53	11 44	5 38		6 18 s	4 34 <sup>7</sup> / <sub>8</sub>
10	Mo	Jacobins banished, 1794		{ 15 51	6 36	4 52	Mor.	6 29		7 22 s	5 43 <sup>7</sup> / <sub>8</sub>
11	Tu	Lafayette escaped, 1794		{ 15 44	6 37	4 51	0 47	7 18		8 17 s	6 53 <sup>7</sup> / <sub>8</sub>
12	We	Montreal captured, 1775		{ 15 36	6 38	4 50	1 47	8 5		9 7 s	7 59 <sup>7</sup> / <sub>8</sub>
13	Th	George Fox died, 1690		{ 15 27	6 40	4 50	2 46	8 51		9 49 s	9 0 <sup>7</sup> / <sub>8</sub>
14	Fri	Guiteau Trial begun, 1881		{ 15 17	6 41	4 49	3 46	9 36		10 21 <sup>7</sup> / <sub>8</sub>	10 3 s
15	Sa	Dr. Herschel born, 1738		{ 15 6	6 42	4 48	4 41	10 21		10 45 <sup>7</sup> / <sub>8</sub>	10 57 s
(46.) 23d Sunday after Trinity.				Matt. 22.		Day's length, 10 h. 4 m.					
16	S	John Brown's Raid, 1859		{ 14 54	6 43	4 47	5 37	11 6		11 7 <sup>7</sup> / <sub>8</sub>	11 49 s
17	Mo	Suez Canal opened, 1869		{ 14 41	6 44	4 47	6 31	11 52		11 23 <sup>7</sup> / <sub>8</sub>	.....
18	Tu	George Law died, 1881		{ 14 28	6 45	4 46	Sets.	Ev 39		0 43 s	11 17 <sup>7</sup> / <sub>8</sub>
19	We	Tweed found guilty, 1873		{ 14 14	6 46	4 46	6 36	1 26		1 34 s	11 40 <sup>7</sup> / <sub>8</sub>
20	Th	Battle of Belle Isle, 1759		{ 13 59	6 47	4 45	7 25	2 14		2 26 s	0 26 <sup>7</sup> / <sub>8</sub>
21	Fri	Fort Niagara bombarded, 1812		{ 13 43	6 48	4 45	8 15	3 1		3 8 s	1 10 <sup>7</sup> / <sub>8</sub>
22	Sa	Ville du Havre sunk, 1873		{ 13 27	6 49	4 44	9 8	3 48		3 48 s	2 0 <sup>7</sup> / <sub>8</sub>
(47.) 24th Sunday after Trinity.				Matt. 9.		Day's length, 9 h. 54 m.					
23	S	Dr. Parkman killed, 1849		{ 13 10	6 50	4 44	10 4	4 34		4 33 s	2 59 <sup>7</sup> / <sub>8</sub>
24	Mo	Gen. Taylor born, 1781		{ 12 52	6 51	4 43	11 1	5 20		5 23 s	4 9 <sup>7</sup> / <sub>8</sub>
25	Tu	Fort Duquesne captured, 1755		{ 12 33	6 52	4 43	Mor.	6 6		6 12 s	5 22 <sup>7</sup> / <sub>8</sub>
26	We	Queen Isabella died, 1504		{ 12 14	6 53	4 43	0 0	6 53		6 53 s	6 34 <sup>7</sup> / <sub>8</sub>
27	Th	First Steam Printing, 1814		{ 11 53	6 54	4 42	1 1	7 41		7 41 s	7 45 <sup>7</sup> / <sub>8</sub>
28	Fri	Cardinal Woolsey died, 1530		{ 11 32	6 55	4 42	2 5	8 33		8 15 <sup>7</sup> / <sub>8</sub>	9 8 s
29	Sa	Horace Greeley died, 1872		{ 11 10	6 56	4 41	3 11	9 26		9 0 <sup>7</sup> / <sub>8</sub>	10 26 s
(48.) 1st Sunday in Advent.				Matt. 21.		Day's length, 9 h. 44 m.					
30	S	Dean Swift born, 1667		{ 10 43	6 57	4 41	4 19	10 24		9 32 <sup>7</sup> / <sub>8</sub>	11 32 s





SANDY FAIRLEY (who has just put a half crown in the church plate instead of a penny, and who is not allowed to take it back.)—"Weel, weel, I'll get credit for twa an' sax in heaven."

THE ELDER.—"Na, na; ye'll only get credit for a penny."

JERROLD said to an ardent young gentleman, who burned with a desire to see himself in print: "Be advised by me, young man; don't take down the shutters before there is something in the window."

From Thomas Davenport, M. D., Salem City, Ark., April 29, 1881:

Hostetter's Bitters are supposed by the medical profession to be the only genuine possessing medical properties.

From Nordyke & Spencer, Marshall, Mo., April 22, 1881:

We find Hostetter's Bitters one of our best selling remedies, and can recommend it in counteracting the effects of miasma.

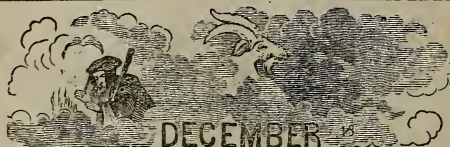
Two sons of Erin, shovelling on a hot day, stopped to rest, and exchanged

views on the labor question: "Pat, this is mighty hard work we're at." "It is, indade, Jemmy; but what kind of work is it you'd like, if you could get it?" "Well," said the other, leaning reflectively upon his shovel, and wiping the perspiration from his brow with the back of his hand, "for a nice, alsy, clane business, I think I would like to be a bishop."

From Charles P. Benson, Charlottesville, Va., July 30, 1881:

Hostetter's Stomach Bitters have become a standard household remedy. I consider them by far the best tonic and liver regulator I know of, and speak from experience.

TEACHER to a small boy.—"What does the proverb say about those who live in glass houses?" Boy—"Pull down the blinds."









## MOON'S PHASES.

## SAN FRANCISCO.

☾	FULL MOON, .....
☾	LAST QUARTER, .....
☾	NEW MOON, .....
☾	FIRST QUARTER, .....
☾	FULL MOON, .....

D.	H.	M.	
2	10	50	Morning.
9	3	21	"
17	5	15	"
25	5	12	"
31	9	17	Evening.

Day Month.	Day Week.	HISTORICAL EVENTS.	Moon's Constellat'n	Sun	Sun	Sun	Moon	Moon	High Water.	
				Fast.	Ris.	Sets.	Sets.	South	Morn.	Even.
				M. S.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	Mo	Emperor Alexander died, 1825		{ 10 26	6 58	4 41	5 28	11 24	10 47	.....
2	Tu	Napoleon crowned, 1804		{ 10 2	6 59	4 41	Ris.	Mor.	0 30s	10 37 7/8
3	We	Illinois admitted, 1818		{ 9 38	7 0	4 41	6 10	0 27	1 31s	11 12 7/8
4	Th	Gen. Kilpatrick died, 1881		{ 9 14	7 1	4 41	7 16	1 30	2 12s	0 37
5	Fri	Macbeth slain, 1056		{ 8 49	7 2	4 41	8 25	2 30	3 1s	0 57 1/2
6	Sa	Battle of Cawnpore, 1857		{ 8 23	7 3	4 41	9 32	3 29	3 45s	2 07

## (49.) 2d Sunday in Advent.

Luke 21.

Day's length, 9 h. 37 m.

7	S	Cicero assassinated, B. C. 43		7 57	7 4	4 41	10 38	4 23	4 34s	3 15 1/2
8	Mo	Vienna Theatre burned, 1881		7 30	7 4	4 41	11 40	5 14	5 29s	4 33 1/2
9	Tu	John W. Forney died, 1881		7 3	7 5	4 41	Mor.	6 3	6 23s	5 47 1/2
10	We	Rowland Hill died, 1842		6 35	7 6	4 41	0 40	6 49	7 11s	6 56 1/2
11	Th	Charles XII. fell, 1718		6 7	7 7	4 41	1 39	7 35	7 52 1/2	7 59s
12	Fri	Edwin Forrest died, 1872		5 38	7 8	4 41	2 36	8 20	8 41 1/2	9 6s*
13	Sa	New Zealand discovered, 1751		5 10	7 8	4 42	3 32	9 4	9 16 1/2	10 8s*

## (50.) 3d Sunday in Advent.

Matt. 11.

Day's length, 9 h. 33 m.

14	S	Alabama admitted, 1819		4 41	7 9	4 42	4 27	9 50	9 42 1/2	11 6s
15	Mo	Hartford Convention held, 1814		4 12	7 10	4 42	5 20	10 36	10 6 1/2	11 57s
16	Tu	Boston Tea Party, 1773		3 42	7 11	4 42	6 12	11 23	10 31 1/2	.....
17	We	Bolivar died, 1830		3 12	7 11	4 43	Sets.	Ev 11	0 46s	10 46 7/8
18	Th	Humphrey Davy born, 1778		2 43	7 12	4 43	6 10	0 58	1 29s	11 31 7/8
19	Fri	Toulon captured, 1793		2 13	7 12	4 44	7 2	1 45	2 5s	0 17 1/2
20	Sa	Louisiana annexed, 1803		1 43	7 13	4 44	7 57	2 32	2 38s	1 47

## (51.) 4th Sunday in Advent.

John I.

Day's length, 9 h. 32 m.

21	S	Winter begins.		1 13	7 13	4 45	8 54	3 18	3 10s	1 56 1/2
22	Mo	Landing at Plymouth, 1620		0 43	7 14	4 45	9 52	4 3	3 43s	2 53 1/2
23	Tu	Hugh Miller died, 1856		0 13	7 14	4 46	10 51	4 49	4 22s	3 58 1/2
24	We	Leonard Bacon died, 1881		Slow	7 15	4 46	11 51	5 35	5 8s	5 12 1/2
25	Th	Christmas Day.		0 47	7 15	4 47	Mor.	6 23	5 52s	6 24 1/2
26	Fri	Virgilius sunk, 1873		1 17	7 15	4 48	0 52	7 14	6 44 1/2	7 34s
27	Sa	Rev. E. H. Chapin died, 1880		1 46	7 15	4 48	1 53	8 7	7 30 1/2	8 56s

## (52.) 1st Sunday after Christmas.

Matt. I.

Day's length, 9 h. 33 m.

28	S	England ratified Treaty, 1814		2 16	7 16	4 49	3 6	9 4	8 14 1/2	10 14s
29	Mo	Texas a State, 1845		2 45	7 16	4 49	4 14	10 4	8 55 1/2	11 21s
30	Tu	Buffalo burned, 1813		3 14	7 16	4 50	5 21	11 6	9 35 1/2	.....
31	We	East India Co. established, 1600		3 42	7 16	4 51	6 25	Mor.	0 29s	10 9 7/8

AN ounce of keep-your-mouth-shut is better than a pound of explanation after you have said it.

A CELEBRATED barrister said, "I always study the feasibility of a case before I undertake it."

## A THOROUGH INVIGORANT.

**A** TONIC which does not reform the condition of the stomach, which merely stimulates appetite through its action on the epigastric nerve, is no tonic at all. The prime consideration in the successful treatment of debility is, how to increase the power of assimilating food, so that the blood may be enriched and efficiently nourished. The first obstacle to overcome is feebleness of digestion, the fecund cause, first, of loss of vigor, then of disease. The primal effect of **Hostetter's Stomach Bitters** is, as its name indicates, upon the organs of digestion. These it impels to an active performance of their functions, and this once restored, the gain in vigor and bodily and mental comfort is speedily perceptible. Paleness and emaciation are succeeded by the glow and rounded outlines of health, the nerveless grasp

grows stronger, the flaccid muscles harder and more elastic, the feeble gait firmer and more certain. The mind, too, no longer disturbed by the vague apprehensions born of indigestion, nervousness, and an impoverished condition of the blood, recovers its naturally healthy and cheerful equipoise, through the genial influence of the Bitters, and the odd and indescribable sensations, the feeling of weariness and lassitude which trouble the nervous, debilitated and dyspeptic are entirely dissipated. The liver and bowels, too, partaking in the general improvement, become active and regular. No one, we think, who has systematically used the Bitters, for the purpose of increasing stamina, and recovering nerve power and digestion, will hesitate in pronouncing it what it really is—a thorough invigorant.

### LENGTH OF LIFE.

The physical fortune of any million of people is thus traced: The number is made up of 511,775 boys and 488,225 girls. Before the age of five years is reached 141,387 boys and 121,795 girls will die. The next five years will be less fatal, and from the age of ten to fifteen years is the most healthy period of life. There will be some advance in deaths in the next five years, and still more in the five which follow; but 634,045 will enter upon their twenty-sixth year. During the next ten years two-thirds of the women will have married. The deaths during that period will be 62,052, and of these 27,134 will be caused by consumption. Between twenty-five and forty-five the deaths will be greater, and only 502,915 will enter on their forty-sixth year. Each succeeding decade up to seventy-five will become more fatal; and at seventy-five only 161,114 will remain. Of these 122,559 will have perished by the eighty-fifth year. Of the 38,565 that remain but

2,153 will struggle on to be ninety-five, and 223 to be one hundred years old. Finally, in the one hundred and eighth year, the last solitary life will flicker out. Such is the average lot of a million men and women.

**RATS.**—Those whose houses are infested by that troublesome domestic animal, the rat, should heat plaster of Paris in an iron vessel until it is done boiling, then mix it half and half with Indian meal. It is said the rats will eat of this compound freely, and that it sets in their little stomachs and kills them, without the danger of poison.

To remove moths from carpets, wring out a crash towel, and spread it smoothly on the carpet, wherever moths are suspected or detected. Then iron it dry with a hot iron, repeating if necessary. The hot steam will penetrate the carpet, (not injuring the color at all) and kill both worms and eggs.



## RELIEF FOR ACHING JOINTS & MUSCLES.

**T**HAT the rheumatic can obtain relief for their special pains and aches from the benign depurent, Hostetter's Stomach Bitters, is a fact which repeatedly published testimony proves conclusively. It expels from the blood the irritating impurities, the presence of which irritates the sensitive membrane enveloping the joints and muscles. Drugs, dangerous to life and ruinous to digestion, are often used in minim doses to accomplish this, but usually fail to afford permanent relief. To avoid these is the part of wisdom. The same object is attained by using the Bitters, which these medicines fail to compass, and no risk is run. The article is invigorating, induces repose of the nerves, and promotes appetite and good digestion.

The plea in favor of timely medica-

tion, a strong one in all cases, may be urged with peculiar earnestness in cases of rheumatism, since it is a disease of fatal tendency whenever it approaches the region of the heart or stomach. Moreover, it is a disease the obstinacy of which is proverbial, many persons carrying it—if it does not carry them—to the grave. Avoidance of exposure in wet weather, of the wearing of damp clothes, draughts, and the extreme rigor of cold weather, are precautionary measures which, in conjunction with an early resort to the great preventive, by those of a rheumatic tendency, are of great sanitary importance. Persistence in its use, not spasmodic and irregular trials, will ultimately demonstrate to the sufferer its specific efficacy in this painful and protracted disorder.

### NUTRITIVE QUALITIES OF FODDER.

The proportion of nutritive matter in 100 pounds of the following substances is as follows:

	Flesh formers.	Fat formers.
Clover Hay,.....in pounds,	13 $\frac{1}{2}$	30
Timothy,.....	9 $\frac{3}{4}$	48 $\frac{3}{4}$
Corn,.....	10	63
Oats,.....	12	61
Wheat Bran,.....	14	50
Shorts,.....	10	56
Buckwheat Bran,.....	5 $\frac{1}{2}$	43
Potatoes,.....	...	21
Apples,.....	1 $\frac{1}{2}$	14
Mangels,.....	1	9

The whole of these amounts may not be digestible, but they serve to give a good idea of their relative value.

**FOR CROUP.**—Take a knife or grater, and grate or shave in small particles about a teaspoonful of alum; mix it with about twice its quantity of sugar, to make it palatable, and administer it as quickly as possible. Its effects will be truly magical, as almost instantaneous relief will be afforded.

### WHAT THE TRUE POET TEACHES.

He teaches love to suffer and be pure,  
That virtue conquers if it but endure,  
That noblest gifts should serve the noblest ends,  
That he is richest who the most befriends;  
That through life's journey, dark or bright  
the day,  
Fate's not unkind, whatever men may say,  
If goodness walks companion of their way.

ONE cold day last winter, in the town of Yonkers, an old farmer was observed standing over a coal grating in the sidewalk, and was heard to mutter, "These pesky things may be good enough to warm a church, but when it comes to heating up a whole town, they ain't much account."

**COAL ASHES.**—The best purpose to which coal ashes can be applied, in town or country, is in making garden walks. If well laid down, no weeds or grass will grow, and by use they become as solid and more durable than bricks

# MITIGATING THE INFIRMITIES OF AGE.

**W**HILE it is not in the power of medicine to annul the decree of Nature, which assigns certain infirmities as the inevitable accompaniment of declining years, it is yet possible to greatly mitigate those infirmities. Hostetter's Stomach Bitters is a beneficent means of ameliorating them. Not only does it compensate in a marked degree for the loss of vigor consequent upon age, but is a reliable means of relieving those pains in the back and joints which have a rheumatic origin, and to which persons traveling the downhill side of life are more apt to be troubled than the young or the middle aged. Moreover, this fine tonic gives a genial stimulus to appetite, which is usually poor in age, and the difficulty in sleeping and discomfort at

night, which many old people experience, is greatly relieved by the Bitters. There is but one method by which the system can be reimbursed for physical losses, and that is to keep the digestive and assimilative organs in vigorous action, and thus insure nutrition, and prevent too rapid a deterioration in the quality of the blood. Among American invigorants, Hostetter's Stomach Bitters has long held the chief place, and it is especially fitted to retard bodily decay, solace the aged and infirm, and hasten convalescence. For physical prostration, the baneful effects upon the constitution of overwork, exposure, and prolonged mental effort in early life, no less than for a number of obstinate and serious maladies aggravated by age, it is a pleasant and agreeable remedy.

## AGES OF ANIMALS.

Years.	Years.
Whales, estima'd, 1,000	Cow, ..... 20
Elephant, ..... 400	Deer, ..... 20
Swan, ..... 300	Rhinoceros, ..... 20
Tortoise, ..... 100	Swine, ..... 20
Eagle, ..... 100	Wolf, ..... 20
Raven, ..... 100	Cat, ..... 15
Camel, ..... 100	Fox, ..... 15
Lion, ..... 70	Dog, ..... 10
Porpoise, ..... 30	Sheep, ..... 10
Horse, ..... 20	Rabbit, ..... 7
Bear, ..... 20	Squirrel, ..... 7

STOUT calico is made water-proof by the Chinese with a preparation which proves efficient in any climate, and is supposed to be composed of the following ingredients: Boiled oil, one quart; soft soap, one ounce, and bees-wax, one ounce; the whole to be boiled until reduced to three-quarters of its quantity when mixed. The calico treated with this mixture answers well for life-saving apparatus.

THE English alphabet contains 26 letters; the French, 25; the Italian, 20; the Spanish, 25; the German, 26; the Russian, 35; the Latin, 23; the Greek, 16 (until 403 B. C., when the 24 Ionic characters were introduced;) the Hebrew, 22; the Arabic, 28; the Persian, 22, and the Turkish, 28.

THE issues of the life to be  
We weave with colors all our own,  
And in the field of destiny  
We reap as we have sown.

HE who indulges in enmity is like one who throws ashes to windward, which come back to the same place and cover him all over.

AN ERROR.—At a christening, while a minister was making a certificate, he forgot the date, and happened to say, "Let me see, this is the thirtieth?"

"The thirtieth," exclaimed the indignant mother, "indeed, but it's only the eleventh."

It was a colored preacher who said to his flock: "We has a collection to make dis mo'ning, and fo' de sake of yo' reputation, whichever of you stole Mr. Jones' turkeys, don't put anyfing on de plate." One who was there says, "Every blessed niggah in de church came down wid de rocks."

## A DELINQUENT LIVER AND THE INADEQUATE SECRETION OF BILE.

**T**HE proximate consequences of an inadequate secretion of bile by the liver are obstruction of the bowels, the vitiation of the gastric juices by the diversion of that fluid into the stomach, the absorption of it by the blood, (evidenced by yellowness of the skin,) headaches, nausea, furred tongue, and pains in the side and through the shoulder blade. Eventually hepatic abscesses are liable to form, and there may be congestion and engorgement of the organ whose delinquency is the source of trouble. The timely use of Hostetter's Stomach Bitters, a medicine specially adapted to the wants of the bilious, prevents all this, while it is no less true that the habitual use of cathartics, like blue pill, calomel, podophyllin, gamboge, aloes, whether in large or small doses, tends rather to confirm than to alter a bilious habit. There is no excuse for the employment

of such irrational cholagogues, except in cases when the necessity for a clearance of the bowels is immediate. Their use in the long run weakens these organs, and thus makes it more difficult to restore their activity. Moreover, they do not appreciably affect the liver. What that organ requires, when bilious symptoms manifest themselves, is a stimulus to activity. HOSTETTER'S BITTERS affords this in a healthful degree, relaxing the bowels without irritating, griping or weakening them, and improves the tone of the stomach, as well as that of the bile-secreting gland. Renewed digestion, regularity of the bowels, and the disappearance of the hepatic pains and jaundiced look of the skin, fur upon the tongue, &c., soon indicate how well adapted this popular remedy is to impel a delinquent liver to the regular and vigorous performance of its functions.

**ENOUGH SLEEP.**—A medical man discoursing upon sleep, makes this remark: "One man may do with a little less sleep than another; but as a general rule, if you want a clerk, a lieutenant, a lawyer, a physician, a legislator, a judge, a president or a pastor, do not trust your interests to any man who does not take on the average eight good solid hours of sleep out of every twenty-four. Whatever may be his reason for it, if he does not give himself that, he will snap sometime just when you want him to be strong."

**THE English Quarter**, at which wheat is quoted in the English reports, is 560 pounds, or one-fourth of the ton gross weight of 2,240 pounds. The English legal bushel is 70 pounds, and consequently 8 of those bushels is a quarter—equal to  $9\frac{1}{2}$  of our statute bushels of 60 pounds.

You may notch it on de palin's as a mighty resky plan,  
To make your judgment by de clo'es dat kivers up a man;  
For I hardly needs to tell you how you often come across,  
A fifty dollar saddle on a twenty dollar hoss.

**HUMAN** nature reveals itself in the smallest concerns of life. A lad was watching a man beating a carpet, and said: "That man's boy must have good times; why, that man couldn't lick the stuffing out of a ten cent doll."

**ELDERBERRY WINE.**—To every quart of the elderberry juice add a quart of water and half a pound of sugar; let it stand for twenty-four hours in an open vessel, then strain carefully; bottle and cork tightly.





**SLENDER PARTY** (who is not very comfortable).—"These cars ought to charge by weight."

**STOUT PARTY** (sharply).—"Ah, if they did, they would never stop to pick you up."

From T. A. Kay, Shaftsbury, Mich., March 11, 1882:

I sell more of Hostetter's Stomach Bitters than any other, and can recommend the medicine from personal experience, in stomach and bowel complaints, especially during hot weather.

AN inquiring man thrust his fingers into a horse's mouth to see how many teeth he had. The inquiring horse closed his mouth to see how many fingers the man had. The curiosity of each was fully satisfied.

From H. C. Yetter, Burnside, Ill., April 13, 1882:

I sell a great many of your Bitters. In fact, they are the standard goods of the world in that line; I find nothing that can equal them as a tonic.

A New England deacon called upon a brother deacon with whom he was at variance, and with an air of great solemnity said: "Brother Jones, it is a shame that this quarrel of ours should bring scandal upon the church. I have prayed earnestly for guidance in the matter, and I have come to the conclusion that you must give in, for I cannot."

From J. B. Morgan, M. D., Joplin, Mo., March 22, 1882:

I sell largely of Hostetter's Stomach Bitters, and think them a good tonic and restorative.

"THERE is one thing about babies," says a late traveler, "they never change. We have girls of the period, men of the world, but the baby is the same self-possessed, fearless, laughing, voracious little heathen in all ages and in all countries."

## RENAL MALADIES.

**U**NDER this general head are classed the numerous maladies (all dangerous, from their tendency to assume one of two or three fatal types) which affect the kidneys and bladder. Nephritis, or inflammation of the kidneys, and pyelitis, a kindred malady, were, until a more intimate acquaintance with Bright's disease was attained by the distinguished physician from whom the disease takes its name, classed with it. This distinctive malady, even in its incipient stage, is often uncontrollable by the ordinary remedies. Diabetes and catarrh of the bladder are also diseases rarely conquered. The importance of combatting, at the outset, a tendency to sluggishness or positive debility of the micturating organs, is vital. Among diuretics, Hostetter's Stomach Bitters ranks deservedly high. As an auxiliary to its healthfully stimulating action upon

the kidneys, it possesses invigorating properties which render it specially valuable to persons troubled with renal weakness—a condition precedent to disease. The secreting power of the organs is increased by it, but while they receive from it a proper stimulus, that always falls short of irritation, it is a promoter of their activity, because it augments their vigor.

The kidneys, since they act as a kind of sieve to the blood, filtering from it a certain amount of debris and effete matter, dangerous to the system when it is retained, one of the surest methods of obtaining a knowledge of what a disease is, is urinary analysis, thus showing that the secretion carries off with it certain elements of disease necessary to be got rid of. It will thus be seen how necessary it is to maintain the healthy vigor and activity of the kidneys.

THE story is told of a young man who stood before a Presbytery in Scotland, asking ordination. Principal Robinson was moderator. The young man was rigidly examined, and asked to preach. The examination and the sermon were both satisfactory. The candidate retired, and the moderator said: "I feel compelled to say that the sermon which the young man has preached is not his own. It is taken from a volume of sermons long out of print. Where he found it I do not know. I supposed the only copy of the volume to be found was in my library, and the candidate has had no access to that." The young man was called in and asked if the sermon he had preached was his own. "No," he frankly said, "I was pressed for time, and could not make a sermon in season. The sermon I preached was one which I heard Principal Robinson preach some time ago. I took notes of it, and liked it so well that I wrote it out from memory,

and have preached it to-day." Nothing was said; there was nothing to be said.

A MACHINIST has discovered that by keeping his turning tools constantly wetted with petroleum, he was able to cut metals and alloys with them, although when the tools were used without the oil, their edges were turned and dulled. The hardest steel can be turned easily if the tools be thus wet with a mixture of two parts of petroleum with one part of turpentine.

LORD BEACONSFIELD is credited with describing evening dress as "a style of costume sanctioned by society for enabling ladies to display their natural beauties with a profusion worthy of a Grecian statue."

THE man who has no poetry in his soul never finds any anywhere else.

## COMMERCIAL TRAVELERS, EMIGRANTS AND TOURISTS

**P**RONOUNCE Hostetter's Stomach Bitters an incomparable remedy and preventive of the ailments apt to attack persons *en route* by land or sea between places or countries, or which are brought on by unaccustomed diet, bad water, and bad air or fetid odors. The experience of persons who visit the Tropics confirms the reality of its antidotal and preventive efficacy, where miasma prevails and malaria is rife. Mariners find that it neutralizes the bad influence upon the stomach and bowels of brackish, impure water, and they who seek the far West and our Pacific sea-board, and settle in localities or pursue callings which subject them to hurtful atmospheric influences, and hardships of various kinds, say that it is the most reliable of defensive medi-

cinal agents. The Western pioneer who, axe in hand, clears his way to fortune through dense frontier forests, the miner who, in damp and unwholesome caverns, toils for the precious ore, the planter whose rice field is often an unwholesome swamp, these know right well what a protection HOSTETTER'S STOMACH BITTERS affords against the consequences of exposure, fatigue and the taint of miasma.

Disorders of the stomach, liver and bowels are very apt to be engendered by a change of diet, water, or by atmospheric variations, but are speedily and completely removed by the Bitters, which moreover renews impaired appetite and rest, and counteracts a tendency to rheumatic ailments and of bodily stamina.

### NUTRITION IN FOOD.

The following is "Boussingault's Scale of Nutritive Equivalents," and shows how many parts of the various articles of food in common use it takes to be equal in nutrition to 100 parts of wheat flour:

Wheat Flour,.....	100	Rye,.....	111
Wheat,.....	107	Rice,.....	177
Barley Meal,.....	119	Buckwheat,.....	108
Barley,.....	130	Maize,.....	130
White Haricots,...	56	Horse Beans,.....	41
Lentils,.....	57	Peas,.....	67
White Cabbage,...	810	Potatoes,.....	313
Dried do. at 212°,	83	Carrots,.....	777
Oats,.....	117	Turnips,.....	1335

A NEGRO held a cow, while a cross-eyed man was going to knock her on the head with an axe. The darkey, observing the man's eyes, in some alarm inquired, "You gwine to hit where you look?" "Yes." "Den," said Cuffey, "hold dis cow yourself."

THE man who can't be angry is a fool; the man who will not allow himself to be is wise.

THE snob is a child of aristocratic society. Perched on a step of the long ladder, he respects the man on the round above him, and despises the man on the step below, without inquiring what they are worth, solely on account of their position; in his innermost heart he finds it natural to kiss the boots of the first, and kick the second.

A CELEBRATED oculist offered to operate on a Parisian blind beggar's eyes, and said, "I'll guarantee to restore your sight." "What," exclaimed the beggar, "restore my sight and so ruin my business! A pretty notion!"

LORD COCKBURN was seated one day on the hillside of Bonally with a Scotch shepherd, and observing the sheep reposing in the coldest situation, he observed to him: "John, if I were a sheep I would lie on the other side of the hill." The shepherd answered, "Aye, my lord, but if ye had been a sheep ye wad have had mair sense."



## HURTFUL MEDICATION.

**M**EDICAL works, in commenting upon the etiology or origin of diseases, often allude to certain remedies bad in themselves, or unwisely used, as the causatives of maladies other than those they are employed to cure. If it be true, and there is every reason to believe it, that the seeds of certain diseases, transmitted from parent to child, lie dormant for years, until fructified by some cause essential to their development, then great caution should be exercised in the choice of remedies, and the blind, hap-hazard use of the thousand and one nostrums and no-panaceas which flood the market, is wholesale suicide. To accomplish certain specific effects, potent drugs utterly subversive of general health, are often recklessly taken. Quinine in inordinate quantities, mercury in its various forms,

strychnia, arsenic, colchicum, veratrum, and many other active or slow poisons, are employed in emergencies no wise commensurate with the potency of the medicine, or the strength of the dose, and regardless of the fact that they are poisons, which accumulate in the system they are used for protracted periods. That they do act directly in fever and ague, debility, rheumatism, and affections of the kidneys is true, but their results are not satisfactory, and their after effects are pernicious. The effects which they are designed to produce are infinitely more thorough and prompt when Hostetter's Stomach Bitters is used for the same purpose. Against this safe and effective vegetable remedy and preventive none of the objections can be raised which apply to such questionable drugs.

CORN starch may be used instead of eggs in baking. If four eggs are recommended in a recipe, two may be used and two tablespoonsful of corn starch, and your cake will be as light and good as the one with four eggs.

THE family is a miniature commonwealth upon whose integrity the safety of the larger commonwealth depends. It is the seed plot of all morality. We express the noblest longings of the human heart when we speak of a time to come in which all mankind will be united as one family.—FELIX ADLER.

A GENTLEMAN addressed his servant: "James, how is it that my butcher's bills are so large, and I always have such bad dinners?" "Really, sir, I don't know; for I am sure we never have anything nice in the kitchen that we don't send some of it up to the parlor."

IN a recent case of assault, the defendant pleaded guilty. "I think I must be guilty," said he, "because the plaintiff

and I were the only ones in the room; and the first thing I knew was that I was standing up, and he was doubled over the table. You'd better call it guilty."

AN orator, who was much in demand in political campaigns, being asked by an admirer the secret of his success, replied, "When I have facts, I give 'em facts; but when I haven't, I yell and saw the air."

"You are now one," said the minister to the happy pair he had just tied together with a knot that they could never undo. "Which one," asked the bride. "You will have to settle that for yourselves," said the clergyman.

EMERSON says: "The way to make the world better is by reforming number one, then there is surely one less villain in the world."

"MALARIA," said the Beach landlady, "well, no, we haven't got it; folks hain't asked for it, but we'll get it for your family."



ACROSS THE WALNUTS AND THE WINE.

ENGAGING CHILD.—“Oh, Mr. Jenkins, do let me see you drink?”

MR. JENKINS.—“See me drink! What for, my dear?”

CHILD.—“O, mamma says you drink like a fish.”

SIR Humphrey Davy is credited with the saying, “Life is made up, not of great sacrifices and duties, but of little things, in which smiles and kindness, and small obligations given habitually, are what win and preserve the heart, and secure comfort.”

From Alvin Rucker, Farmington, Mo., March 24, 1882:

I have been using and dealing in Hostetter's Bitters for about fifteen years. I find they are all you claim for them. They take the lead of all similar articles.

From Ottmar Korbitz, St. Louis, Mo., March 20, 1882:

Hostetter's Bitters always was and is now the best in the market. Properly taken, it keeps a man's liver in order and invigorates his system.

From Joe D. Foute, Loudon, Tenn., March 30, 1882:

Sale of Hostetter's Stomach Bitters increasing. Gives universal satisfaction as a tonic and blood purifier.

“DON'T be afraid,” said a snob to a German laborer; sit down and make yourself my equal.” “I would haff to blow my brains out,” was the reply of the Teuton.

STORIES first heard at a mother's knee are never forgotten. It is the same with some other things received at a mother's knee, which will readily occur to our readers.

“WERE you ever in any engagement,” inquired an innocent rustic of a great city militiaman. “Yes, one,” replied the son of Mars, “but she went back on me.”

## AN INVITATION TO DISEASE.

**B**USINESS cares and interests often so pre-occupy the mind, that premonitory warnings of approaching disease are forgotten in the pursuit of daily callings, and the arduous chase in which so many of us engage after the "almighty dollar." Health should be the chief consideration with all, and it is a foolish economy which denies attention to its demands, because it would take too much time to investigate the meaning of its gradual decline, or attend to symptoms set down as trifling. Tremendous penalties are exacted from those who neglect minor ailments. The disregard of them is tantamount to an invitation to disease, and its arrival often follows so closely, that the sufferer is no less astonished than appalled by the consequences of his own blind fatuity. Recurring headaches, distress after eating, heartburn, growing ner-

vousness, loss of appetite, restlessness at night, irregularity of the bowels, sallowness of the skin, coating of the tongue, vertigo, uneasy sensations in the region of the liver, are among the indications of precarious health, very apt to be disregarded. A few doses of Hostetter's Stomach Bitters, when any of these, or several of them manifest themselves, may be the means of arresting the progress of an obstinate disease, and since they are among the *indicia* of maladies to which it is adapted, their disappearance may, if it is used, be confidently expected, with the cause which produced them. Better the over-caution of a self-imagined invalid, than the neglect of a real one, who is too busy or too careless to take measures to preserve his health from assaults which grow daily stronger, and more difficult to repair.

### NUMBER OF SEED TO A POUND.

Wheat,.....	10,500	Buckwheat,....	25,000
Barley,.....	15,400	Red Clover,....	249,600
Oats,.....	20,000	White Clover,.	686,400
Rye,.....	23,000		

A LUNATIC in Bedlam was asked how he came there. He answered, "By a dispute." "What dispute?" The Bedlamite replied, "The world said I was mad; I said the world was mad, and they outwitted me."

SMYTHE was telling some friends about a wonderful parrot. "Why," said he, "that parrot cries 'stop thief!' so naturally that every time I hear it I always stop. Now, hang it, what are you all laughing about?"

A PERSON who had obtained a free railway pass, asked the agent if "he could not embrace his wife" "Probably," the official answered, "but I prefer to see her before promising positively."

**WATERPROOF BOOTS.**—The following is said to have been used by the New England fishermen for over a century: Tallow, 4 ounces; rosin and beeswax, of each one ounce; melted together in a gentle heat, and add an equal bulk of neats-foot oil. This is first melted and applied to the boots, rubbing it in before the fire; it will make them soft, and at the same time waterproof.

A WORTHY Quaker wrote thus: "I expect to pass through this world but once. If, therefore, there be any kindness I can show, or any good thing I can do to any fellow human being, let me do it now. Let me not defer or neglect it, for I will not pass this way again."

"TALKING about the jaws of death," exclaimed an experienced man who is living with his third scolding wife, "I tell you they are nothing to the 'jaws' of life!"





